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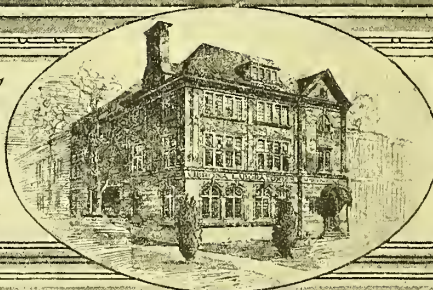
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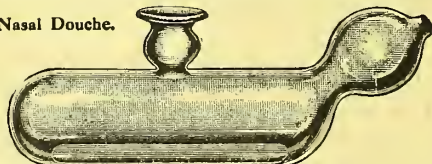
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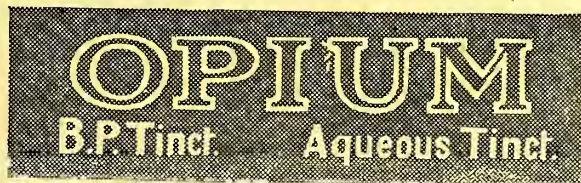
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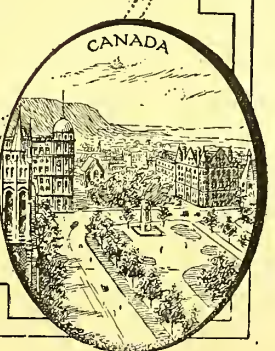
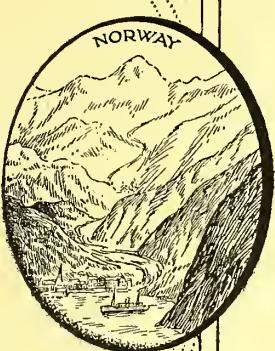
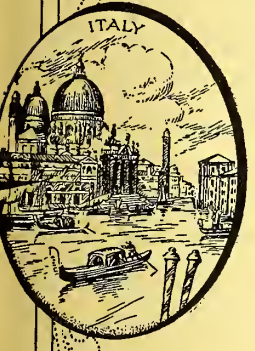
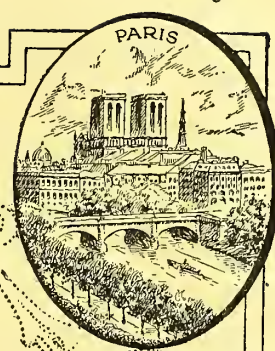
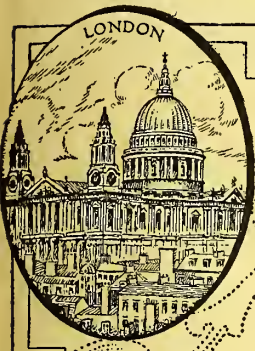
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Maw's**Page**

November 6, 1920.

No. 473.

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is an antiseptic cream, which, when applied to the hands, quickly evaporates, leaving a soluble skin on the hands; it is practically invisible, and can scarcely be felt, yet it is there, protecting the hands against the penetration of dirt into the skin. The dirtiest job imaginable can be undertaken with impunity, safe in the knowledge that when the hands are washed once in cold water, with plenty of soap to dissolve the “PELLIN,” all traces of dirt are removed instantly, leaving the hands perfectly soft and white.

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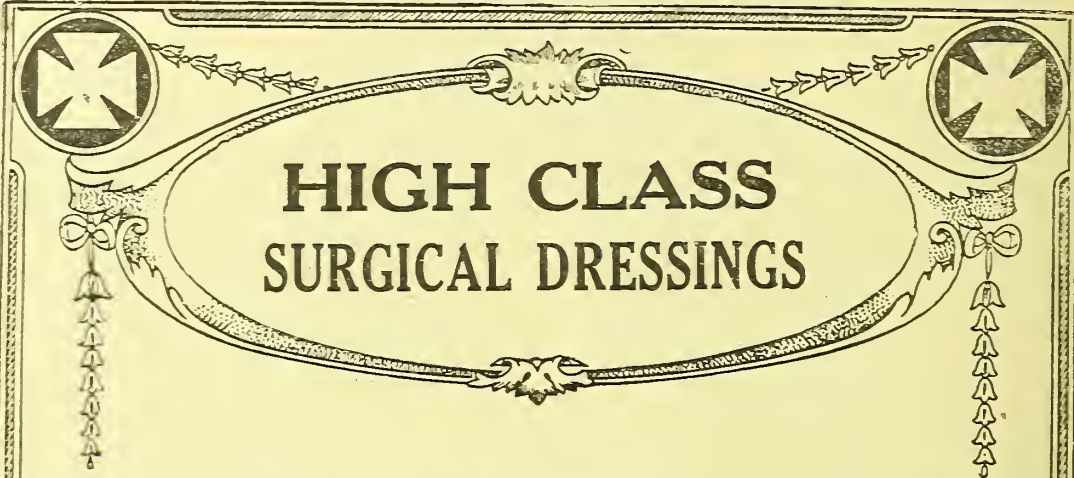
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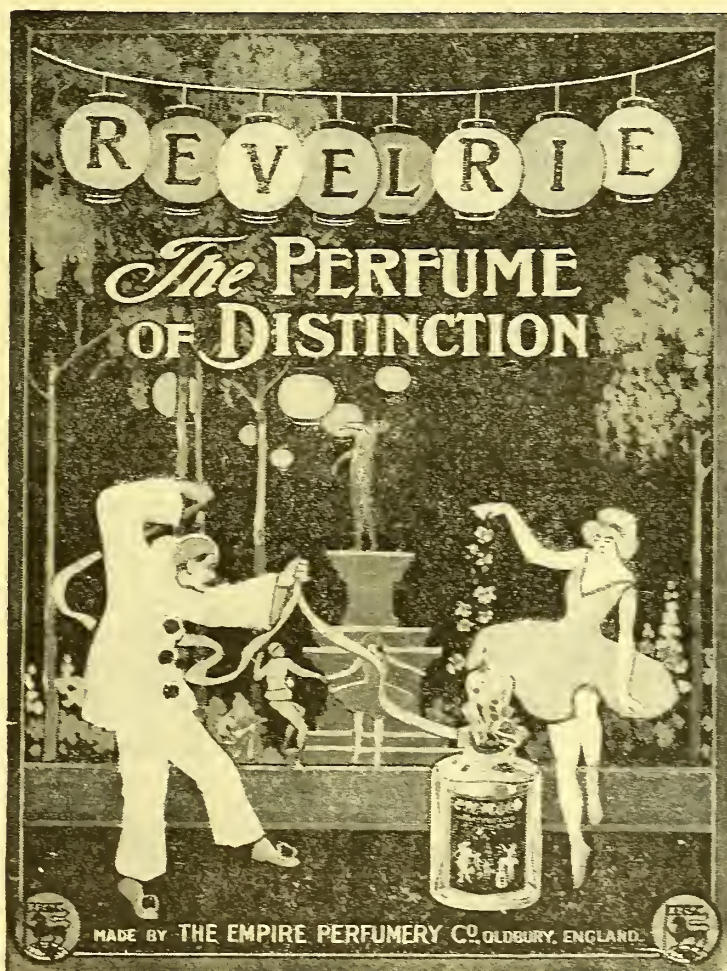
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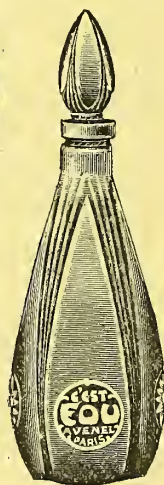
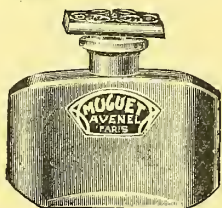
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Eau de Cologne and Lavender Water

PRICES:

COLOGNE.—Wholesale : 2 oz., 36/- doz. ; 4 oz., 66/- doz. ; 8 oz., 120/- doz.
Retail : " 4/- each ; " 7/6 each ; " 14/- each
4 oz. each in mauve box @ 69/- doz. (Retail price, 8/6 each)

LAVENDER WATER, 4 oz. Sprinklers, at 69/- doz. " " " "

DISCOUNTS.—2½% on £5 orders, 5% on £10 orders. Carriage paid.

" (EXTRA) FOR CASH WITH ORDER, 2½%.

Send a Cheque	£9 11 9
Sale of Goods	£14 17 0
Your Profit	£5 5 3
55% on Outlay or 35% on Sales	

COST.

SPECIMEN £10 ORDER.

SALES.

1 doz. LAVENDER @ 69/- ...	£3 9 0	... @ 8/6 each	£5 2 0
1 doz. COLOGNE (boxed) @ 69/- ...	£3 9 0	... @ 8/6 "	£5 2 0
1 doz. 2 oz. COLOGNE @ 36/- ...	£1 16 0	... @ 4/- "	£2 8 0
½ doz. 4 oz. " @ 66/- ...	£1 13 0	... @ 7/6 "	£2 5 0
	£10 7 0		£14 17 0
Less 5% and 2½% ...	15 3		
	£9 11 9		

EVANS, GADD & CO.
LIMITED,
EXETER & BRISTOL.

Why LYSOLID is Selling Rapidly.

Think of the thousands of Lysol users irritated by broken bottles and consequent damage to other articles.

And think of how such users will welcome a new Lysol that can be carried about in a cardboard box.

LYSOLID (The Solid Lysol)

Prov. Patent No. 16799

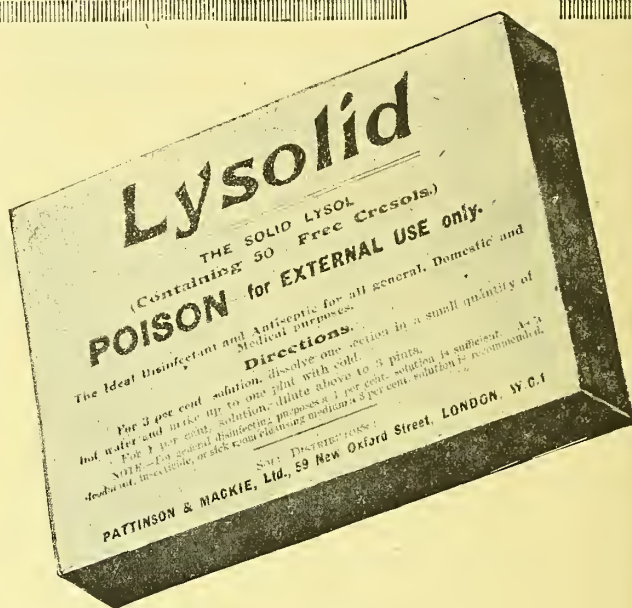
has all the excellent properties of Lysol, and is packed in handy sections. With these sections the mixing of any strength solution is accurate—one section to a pint of water making a 3% solution.

Why not stock Lysolid? It offers a bigger profit per sale, and has the advantage of a demand arising out of necessity.

Write to-day for trade terms & sample. All enquiries promptly replied to.

PATTINSON & MACKIE, LTD.
Albion House,
59 New Oxford St., London, W.C. 1

Manufactured by:
M. B. Laboratories, Ltd., Southampton.



**EQUAL TO THE
FORMER LIQUID
:: LYSOL ::**

*Extract from original
letter received from*

Dr. Samuel Rideal,
D.Sc.(Lond.), F.I.C.

"In reply to your query from time to time, I have examined several batches of the original 'Lysol' as placed on the English market previous to 1916, and I find that the disinfectant power, as shown by the coefficient value, of your present 'Lysolid'

is equal to the former liquid 'Lysol.'"

(Signed)

Samuel Rideal



PARFUMERIE
NEVILLE

PARIS - LONDON - WATFORD

LONDON OFFICES:
15 NEW ST., BISHOPSGATE, E.C.2
TELEPHONE: AVENUE 8049

PARFUMERIE
RAYMOND
PARIS - LONDON - WATFORD



Parfumerie Neville

(PROPRIETORS: NEVILLE & RAYMOND LTD.)



Telephone: Watford 713
Telegrams: Kismetum, Watford
Codes: A.B.C. 5th Edition

Our Ref.

Your Ref.

TRADE



MARK

National Chemical Works,

Watford, HERTS.
ENGLAND.

October 25th, 1920.

Dear Sir,

We have to inform you that this business has been taken over by us, and that as from the 6th April this year all connection of the Messrs. Neville with the management ceased.

The business has been entirely reorganised, and the manufacture of the Company's products, including the genuine Neville's Eau de Cologne Cream, is now solely under the control of fully qualified chemists, and the highest standard of quality is guaranteed.

It has come to our knowledge that the Messrs. Neville have commenced trading under the style of "Nevilles (Paris) Ltd." and are putting on the market a preparation which they call "Neville's Cream," with the words "Eau de Cologne" on a separate label.

We are the Manufacturers and Suppliers of the genuine Neville's Eau de Cologne Cream, which is already well-known to the public, and from this day our label will bear the words "The Genuine Neville's Eau de Cologne Cream, Vanishing." It is now being extensively advertised, and it is our intention to spare neither trouble nor expense in protecting our customers, and the public, from receiving such other preparations as may be attempted to be sold in substitution for our products, the good quality of which is established in the public mind.

We shall esteem it a favour, therefore, if you will at once advise us of any preparations being offered to you under the name of "Neville," packed or offered for sale in such a manner as would lead the public to suppose they were buying the genuine products of this Company. When such goods are offered you look for the words "Neville's Eau de Cologne Cream, Vanishing," *all on one label*, and in case you receive any jars not so labelled, we advise you to return them at once to the supplier, informing us of the fact, and to send your order direct to us, so that you can supply your customers with the article they know and want.

We are, Yours faithfully,

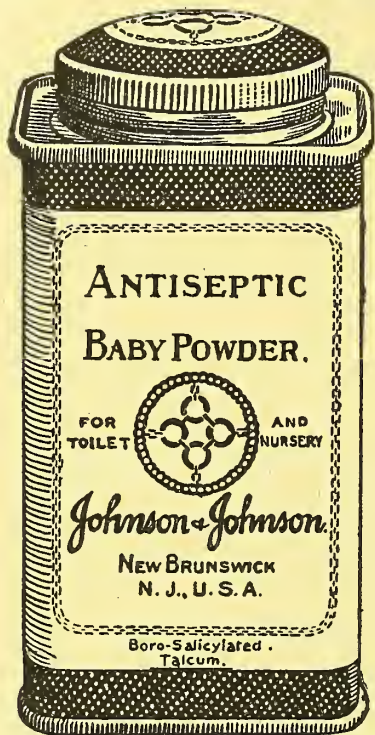
NEVILLE & RAYMOND LIMITED,

Francis J. Smith M.P.S.

Managing Director.

P.S.—Two Special Christmas Parcels of Neville's Eau de Cologne Cream combined with Neville's Eau de Cologne are offered you on exceptionally favourable terms. Write for full particulars.

SOLD THE WORLD OVER.



Antiseptic TOILET & BABY POWDER

JOHNSON & JOHNSON
British - Manufacture.

Made from the Best Talcums
and Delicately Perfumed.

Bonus given for order of 2 gross
and window display.

For particulars apply to—

JOHN TIMPSON & Co., Ltd.
104 Golden Lane - - E.C. 1.

**To Satisfy your Customers
Is to Increase your Business**

LINARIS

TOILET

PREPARATIONS

- (1) Give absolute satisfaction—Guaranteed
- (2) Are prepared from the finest Drugs obtainable.
- (3) Show splendid profits to the Retailer.
- (4) Invariably bring repeat orders.
- (5) Are beautifully packed in Opal-topped Jars and large golden boxes tied with purple ribbon. Make a splendid counter show.

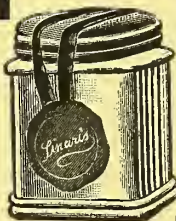
LINARIS Vanishing Cream
LINARIS Bath Powder
LINARIS Henna Shampoo Powder
LINARIS Camomile Shampoo Powder
LINARIS Massage Cream
LINARIS Tonic Cream
LINARIS Beauty Cream
LINARIS Face Powders

Profit of
over **33½%**

Send direct to

LINARIS TOILET PREPARATIONS (Dept. X)

31 Westbourne Grove, London, W.2



Carriage paid
on all
orders over £5.



The Finest Toilets obtainable from
Powder Nilde Volnay Perfumes from Etc.

Look out for
Stock Rooms

Northern Agents of

BEAZ Ltd.

BEES BUILDINGS

BLACKPOOL

Regent Toilet Co. London

PRICE LISTS ON APPLICATION.

MANICURES AND ALL SUNDRIES.

Defefine & Zeba Toilets & Perfumes

Try the Vanishing Cream
Perfumes
Bath Crystals
Toothpaste
Massage Creams

Shaving Creams
Brilliantines
Hair Tonics
Hair Creams
Etc., etc.

GIVE it a good show and it sells itself. There is nothing just like it. The excellence of the product and the practicability of the box make customers for you.

Shows you 33 $\frac{1}{3}$ % on selling price.

POUDRE NILDÉ

in the Sifter Box.

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

MINIMUM SELLING PRICES:

POUDRE NILDÉ *in the Sifter Box.*

Handbag size	- - -	1/-
Medium size	- - -	2/-
Large size	- - -	3/6
Leather or fancy silk vanity cases, with mirror, small size		5/-
Medium	- - -	7/6
Large	- - -	10/-

Shades:

Blanche, Rachel, Naturelle, Rosée, Basanée.

NILDÉ LIP SALVES *In elegant metal containers.*

Pommade des Lèvres	white	1/-
"	Rouge or Carmine	1/3

NILDÉ, Paris.

British and Colonial Agents:

8 BLENHEIM ST., LONDON, W.1.

ROUGE INVISIBLE NILDÉ *in the Sifter Box.*

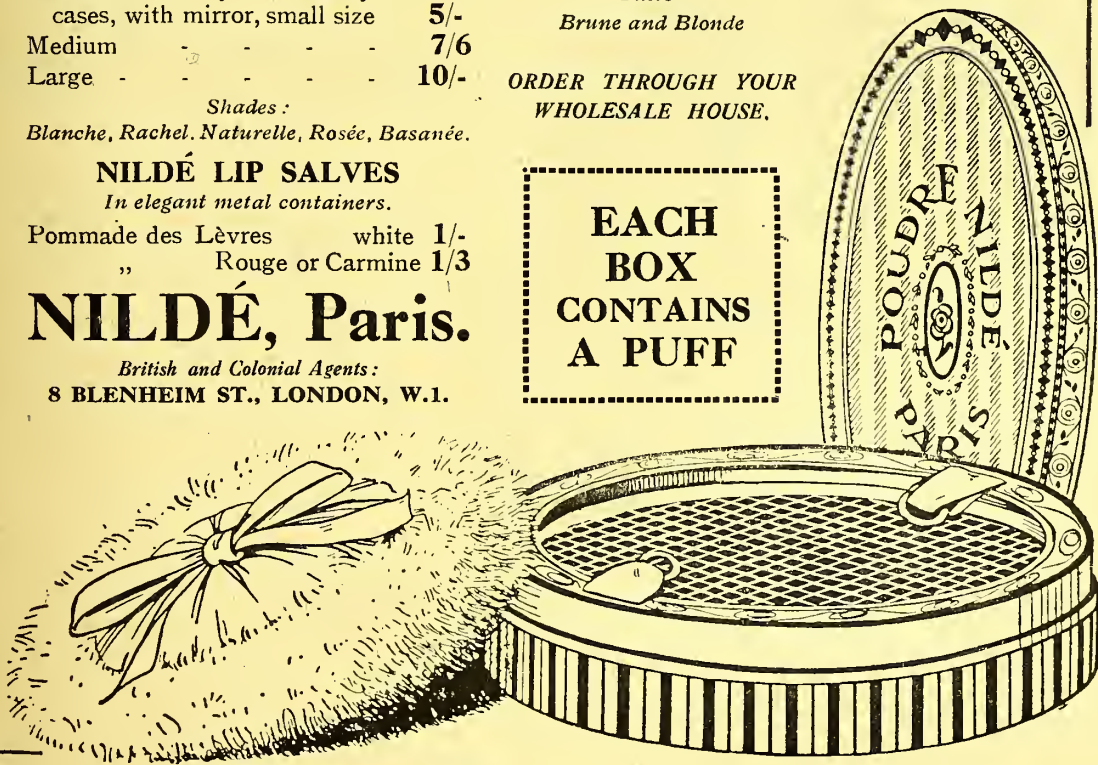
Small size	- - -	1/6
In leather case	- - -	5/6

Tints:

Brune and Blonde

**ORDER THROUGH YOUR
WHOLESALE HOUSE.**

**EACH
BOX
CONTAINS
A PUFF**



CALOX

The Oxygen Tooth Powder

The fact that, despite difficult conditions, Calox has not only held its ground but increased its popularity, gives added proof of its already well-proved value.

So perfectly does Calox meet the requirements of dental and oral hygiene that it enjoys the wide approval of eminent dental practitioners and the repeated recognition of the scientific press.

Calox is attractively packed and well advertised.

McKESSON & ROBBINS, New York, U.S.A., Manufacturers.

British Depot : G. B. KENT & SONS, Ltd., 75 Farringdon Rd., London, E.C.1

Canadian Depot : National Drug and Chemical Co. of Canada, Ltd., Montreal.

Australian Depot : GEO. WILLS & CO., Ltd., Melbourne.



NOTE.—No smells, fumes or benzine-fire risks with this Capping.

Jewsbury & Brown's

MANCHESTER,

Non-alcoholic Cordials

Dental Preparations

WHOLESALE AGENTS :

For London, Home, Eastern and Western Counties

ROBERT W. PHILLIPS, Ltd.,

Craven House, Kingsway, LONDON, W.C. 2.

For Scotland :

KERR, PATON & CO.,

217 St. Vincent Street, GLASGOW.

For South and Mid-Wales :

THE STRETTON HILLS MINERAL WATER CO.,

CHURCH STRETTON, Shropshire.

30/-
*Sales with
plenty of
Profit*

SCOTT'S BATH SALT

FOR STOUT PEOPLE

*Advertised in
Nash's Magazine,
Fashions for All,
Coming Fashions,
Ladies' Field, &c.*

1/- per box, 10/6 per doz
36 boxes 30/-.

72/- per gross, carr. paid
with Showcards.

Scott's Chemical Co.,
47, HUDDLESTONE RD.,
LONDON, N.W.2



The Dye with a Reputation for reliability.

ROYAL COURT HAIR DYE

SEVEN SHADES.

1/6 size 12/- doz, 2/6 size 18/- doz. P.A.T.A.

The only dye giving a natural gloss to the hair.

From all wholesalers or direct

J. KNOX-WALKER & Co., Ltd., 422 Kingsland Rd., London E. 8.

BEUTOL Egyptian Toilet Preparations

are on sale at all Wholesale Chemists, or direct from the
Manufacturers at the following prices:

BEUTOL Vanishing Jelly ... 10/- doz.	BEUTOL Beauty Milk ... 16/- doz.
BEUTOL Hair Tonic ... 20/- "	BEUTOL Shampoo Powders 24/- gross
BEUTOL Egyptian Perfume 28/- "	BEUTOL 2-oz. Brilliantine 16/- doz.
BEUTOL 1-oz. Brilliantine ... 8/- doz.	

National Advertising Campaign Commenced.

SKINETOLIN CO., LTD., Sole Manufacturers,
13 Kirkwood Road, Chalk Farm, London, N.W.1. (2)

STRODONIA Vanishing Cream.

NOW SUPPLIED IN
ALUMINIUM
SCREW-CAPPED JARS.

10½d. size—7/6 doz. 1/3 size—10/6 doz.

FROM LONDON WHOLESALE.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for
window display and 5% discount cash, one month; £2/10/0
subject to 4-doz. 1/3 size Bonus for window display, net;
£1/10/0 subject to 1-doz. 1/3 size Bonus for window display, net.
Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

Forhan's For The Gums

A Sound Treatment for Pyorrhea.

A POWERFUL educational campaign in newspapers
and magazines is awakening adults to the dangers
lurking in diseased gums. Pyorrhea sufferers are advised
to visit their dentists at the first sign of that disease and
to use Forhan's For The Gums persistently.

Forhan's For The Gums, prepared from the formula
of R. J. Forhan, D.D.S., a famous specialist in oral
diseases, is a highly efficient dentifrice, to which
has been added a certain
proportion of Forhan's
Pyorrhea Astringent.
Thus, it not only keeps
the teeth unusually white
and clean, but used in time
and consistently it is an
active preventative for
pyorrhea.

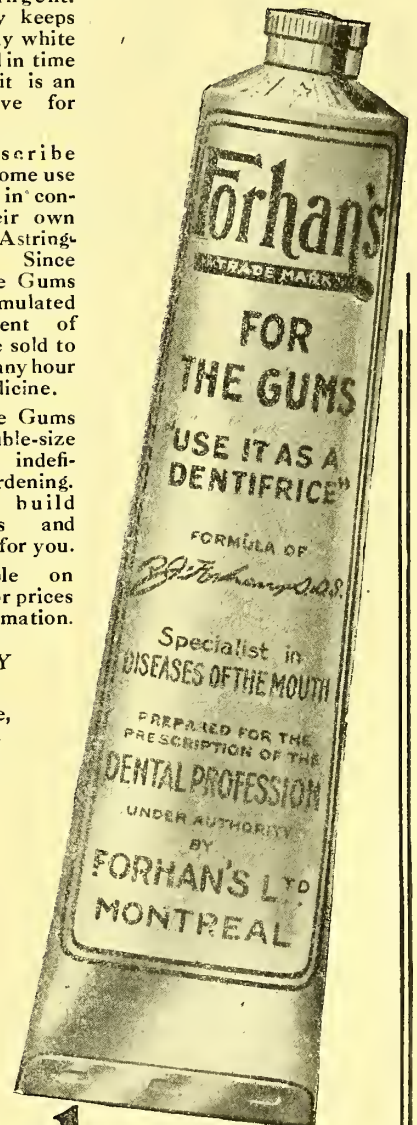
Dentists prescribe
Forhan's for the home use
of their patients, in con-
junction with their own
use of Forhan's Astringent
at the chair. Since
Forhan's For The Gums
was specially formulated
for the treatment of
Pyorrhea it may be sold to
your customers at any hour
like any other medicine.

Forhan's For The Gums
is packed in double-size
tubes and keeps indefi-
nitely without hardening.
Forhan's will build
increased profits and
customer goodwill for you.

Displays available on
request. Write for prices
and full trade information.

THOS. CHRISTY
& CO.,

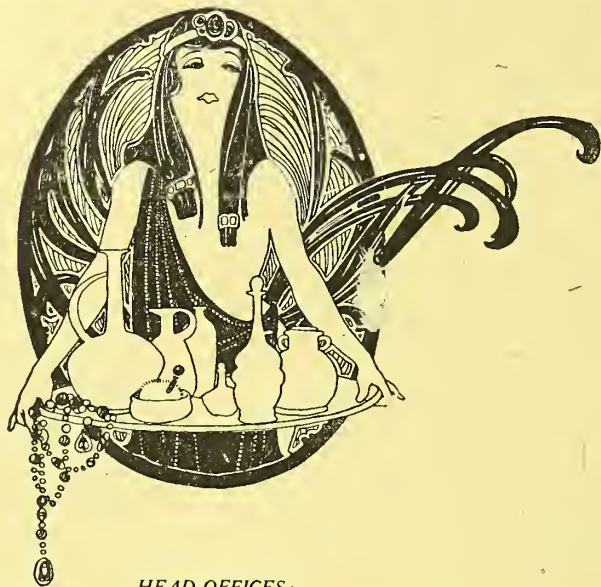
4-12 Old Swan Lane,
London, E.C. 4.



Forhan's

FOR THE GUMS

HILL BROTHERS (MANUFACTURING) LTD.



Manufacturers of first-class
toilet preparations, including the
well-known

LYDIA VANISHING CREAM

Our products are all character-
ised by that high degree of
quality which has sold our goods
on the French market for the
past 28 years.

HEAD OFFICES:

5 Fenchurch St., London, E.C. 3.

Telephone: Central 4241.

Telegr. Address: "HILCHEMIC, LED, LONDON."

WORKS:

Harrow, Middlesex, & at Paris.

BOURJOIS

PARIS.

POUDRE de RIZ de JAVA

No. 45. 2/- Size.

1 doz. ...	16/- doz.
6 " ...	15/9 "
12 " ...	15/6 "

No. 495. 1/3 Size.

1 doz. ...	11/- doz.
6 " ...	10/9 "
12 " ...	10/6 "

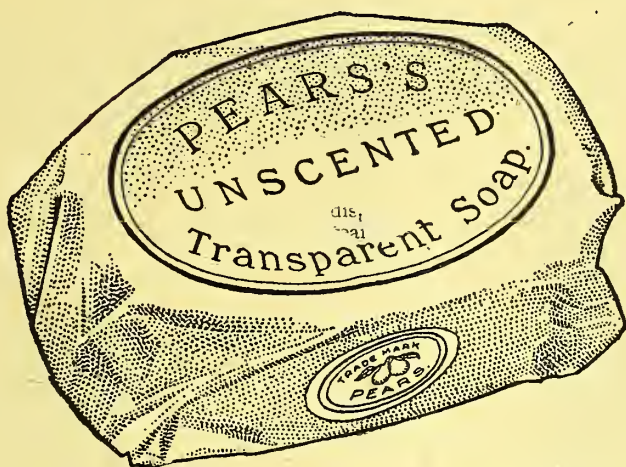
The P.A.T.A. prices for "Poudre de Riz de Java" are 2/- and 1/3 per box.

"JAVA" Powder is now being largely advertised to the public.

LOOK TO YOUR STOCKS.

A. BOURJOIS & Cie, Ltd., 66 Carter Lane, LONDON, E.C. 4.

Also manufacturers of the celebrated "ASHES OF ROSES," 15/- per dozen.



*Our figures show that the
public demand for Pears'
Soap is steadily increasing.*

Pears

SILKODONO

for the HAIR & SCALP

ENGLAND'S BIGGEST VALUE IN HAIR PREPARATIONS

ADVERTISED

in Daily Mirror, Daily Sketch, News of the World, Manchester Evening Chronicle, Liverpool Post, Yorkshire Evening News, Sheffield Independent, and many other leading Papers.

GOOD PROFITS.

SILKODONO is beautifully packed and finds a ready sale wherever it is shown. It yields you a substantial profit, and as it represents particularly good value, regular sales are assured.

SHOWCARDS FREE.

We supply, Free of Charge, Showcards, printed in 14 Colours, Dummy Cartons, and Booklets on SILKODONO Hair Culture for Men, Women and Children.

Wholesale Prices—

2/6 size 20/- per dozen.

4/6 size 36/- per dozen.

SILK'S TOILET CO.,

Red Lion Street, Holborn, London, W.C.1.

Telephone—Ho'b'orn 3095.

Telegram—

"Silporanob, Holborn, London."



Quin Quenna

BETTER THAN A SHAMPOO

Will you accept 1 dozen 6d. packets FREE? Also Daily Mail "Diamond" Window Bills and other up-to-the-minute advertising aids. If so, just order a 6-dozen show outer.

See how it pays?

OUR PRESS ADS.
DIRECT ALL
TRADE TO
YOU.

4/-

PER
DOZ.

43%

EACH
P.A.T.A.

6D.

Send
postcard to
Thos. Christy & Co.,
4/12 Old Swan Lane, E.C.4.,

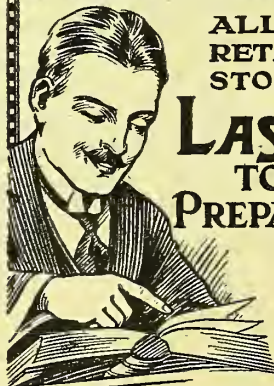
SAYING YOU WILL ACCEPT THE
ONE DOZ. 6d. Packets FREE

(as above).

The Two Great Reasons Why

ALL KEEN
RETAILERS
STOCK —

LASÈGUE
TOILET
PREPARATIONS



(1) THE RETAILER'S PROFIT,

(2) THE CUSTOMER'S DELIGHT.

DO YOU STOCK LASÈGUES?

Duvet de Roses, Poudre de Riz,
Laits de Beauté, Rouges,
Poudres Compactes, Varnish,
Pastes and Powder for the Nails

Send for Price List, or, better still, your order
for a £5 sample parcel to the

Sole Agents for the United Kingdom:

THE AUTABLE CO., Ltd.

57 Moorfields, LIVERPOOL.



ANZORA

Special Display Terms

We have much pleasure in announcing that during November and December we are offering the following bonus for special window displays:—

$\frac{1}{4}$ dozen bottles of either Cream or Viola will be given gratis with all orders of 6 dozen

$\frac{1}{2}$ dozen	"	"	1 gross
1 "	"	"	2 gross and upwards.

Ordinary Trade Terms:—

12/- per dozen to retail at 18/- per dozen.

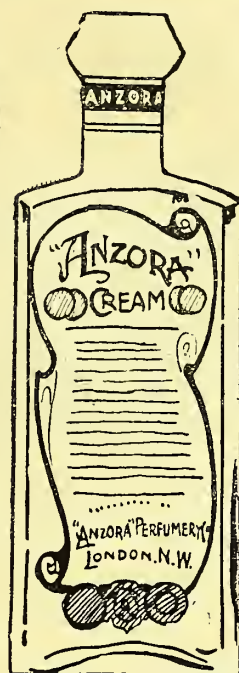
20/- " " 30/- " "

Obtainable from all Wholesalers.

Do not miss this splendid opportunity.

Write to-day for Showcards, sent post free.

The above special display terms also apply to Anzora Beta Naphthol Soap (powdered). A most efficient and economical Shampoo. Ordinary trade terms: 12/- per doz. pots; retailed at 18/-



Masters the Hair

ANZORA PERFUMERY CO. Ltd., Willesden Lane, London, N.W. 6.

X SAPON SOAP X

DELIGHTFUL TO USE—PROFITABLE TO SELL—
PERFECT FOR THE SKIN.



MADE FROM CEREAL BY-PRODUCTS.

DOES NOT COMBINE WITH LIME OR MAGNESIA SALTS IN WATER.

LATHERS FREELY IN HOT OR COLD, SOFT OR HARD, AND EVEN SALT WATER.

WONDERFUL RUSSIAN TAR, SWEET-SCENTED IDEAL, AND OTHER VARIETIES.

RECOMMENDED BY DOCTORS AND NURSES EVERYWHERE.

We are in no way connected with any combine of soap makers.

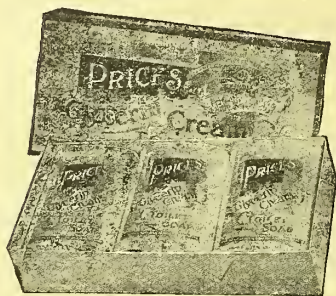
BETTER SOAPS—BETTER PROFITS.

WRITE FOR PRICE LIST:

X SAPON SOAPS LTD., LONDON BRIDGE, E.C. 4. X

Three Leading Toilet Soaps—

Of Special Interest to Chemists



Glycerin Cream

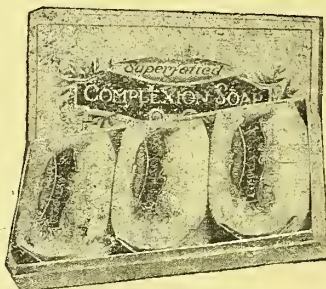
A High-quality SUPERFATTED General Toilet Soap.

7d. per tablet.

1/9 per 3-tablet box.

Write for prices, quotations
and (if desired) samples to

Skin Superfatted Soap



A HIGHLY SUPERFATTED Complexion Soap. Lathers nicely.

7½d. per tablet.

1/10½d. per 3-tablet box.

Zinco - Cream

The leading line in MEDICATED SOAP, soothing to the skin, for child or adult use.

7½d. per tablet.

1/10½d. per 3-tablet box.



PRICE'S, BATTERSEA, LONDON, S.W. 11

TO ALL INTERESTED IN LABELS

WE ARE EXHIBITING AT THE

International Advertising Exhibition

WHITE CITY, LONDON, W.

from November 29th to December 4th

Our Stand is No. 152

A VISIT FROM YOU WILL BE WELCOME

SUTTLEY & SILVERLOCK, Ltd.

BLACKFRIARS ROAD, LONDON, S.E.1

Cash Profit of £3.3.9

On an Outlay of £4.13.9

To all Chemists and Druggists who will undertake to give not less than 14 days' liberal window-display of Pomeroy Toilet Preparations, we make the following special offer, which remains open until the 30th November, 1920.

Send us an order, with cash, for £5. We will allow you 5% Trade Discount and 2½% Cash Discount. In consideration of your undertaking to display Pomeroy Toilet Preparations in your windows, we will send you, in addition, a bonus in goods to the face value of £1 2s. 6d. An outlay of £4 13s. 9d. would give a total profit of £3 3s. 9d., as shown by the following

Specimen Order.

OUTLAY.

5 doz. 2s. 3d. Skin Food	£5	1	3
Trade Discount, 5 per cent.		5	1
	£4	16	2
Cash Discount, 2½ per cent.		2	5
	£4	13	9

RETURNS.

£6 15 0

Bonus in Goods:

¼ doz. Skin Food
¼ doz. Tooth Paste
¼ doz. Day Cream
¼ doz. Shampoo Powders

Face Value 1 2 6

£7 17 6

Carriage Paid, Box Free.

CASH WITH ORDER.

THIS OFFER REMAINS OPEN
UNTIL 30TH NOVEMBER, 1920.

MRS. POMEROY, LTD.,
Walham Green, London, S.W.6.

Make your Order Form out thus:
To MRS. POMEROY, LTD.,
WALHAM GREEN, LONDON, S.W.6.
Please send the following:—
In consideration of my receiving 5 per cent. Trade Discount and 2½ per cent. for Cash, together with the above-stated bonus in goods to the face value of £1 2s. 6d., I undertake to give not less than 14 days' liberal display of Pomeroy Toilet Preparations in my window. I enclose cheque for £.....

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

		Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP	-	10/-	1/-
A complexion soap.			
PROLACTUM	-	10/-	1/-
For the lips.			
PARSIDIUM JELLY	-	10/-	1/-
For wrinkles.			
ALLACITE of ORANGE BLOSSOM	-	22/6	2/6
A dressing cream.			
BORANIUM	-	22/6	2/6
A hair tonic.			
CLEMINITE	-	22/6	2/6
For a face lotion.			
COLLIANDUM	-	22/6	2/6
For a face tint.			
PERGOL	-	22/6	2/6
A deodorant.			
STALLAX	-	22/6	2/6
For a shampoo.			
JETTALINE	-	31/6	3/6
For clearing the skin.			
PHEMINOL	-	36/-	4/-
A depilatory.			
MENNALINE	-	36/-	4/-
For the eyelashes.			
MERCOLIZED WAX	-	31/6	3/6
A face cream.			
STYMOL	-	36/-	4/-
For oily complexions and blackheads			
BARSYDE	-	22/6	2/6
Dandruff eradicator.			
TAMMALITE	-	22/6	2/6
For grey or faded hair.			
LIQUID PERGOL	-	31/6	3/6
To check excessive perspiration locally.			
BICROLIUM	-	22/6	2/6
For whitening the hands.			
HARAPOSA	-	22/6	2/6
Nut oil shampoo.			

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:

ALL WHOLESALE, and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:

LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY, Ltd. (Johannesburg)

INDIA:

KEMP & CO., Ltd. (Bombay)
THE INTERNATIONAL TRADING CO., Princess Street (Bombay)
D. MACLURE (Madras)
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta)
JAMNADAS BROS. (Bombay)

NEW ZEALAND:

SHARLAND & CO., Ltd. (Auckland & Wellington)

SOUTH AMERICA:

DEARBORN, Ltd., Calle Salta 264, Buenos Aires.

FOR LARGE BUYERS.

Shampoo Powders

ALSO

Pomade Hongroise, Brilliantines,
Dry Shampoo (Liquid), Bay Rhums,
Toilet Paraffins, Lime Creams,
Shaving Sticks, Tooth Powders,
Dental Creams, Vanishing Creams,
and all kinds of Toilet Goods.

**LOW PRICES for
HIGH QUALITY.**

C. A. STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,

11 ECLIPSOL WORKS, BRISTOL.

The Evan Williams
Always in Great Demand.
Price List on Application.
The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.
ORIGINAL STAMPOO.

PROTECTS from all weathers, preserves the COMPLEXION
MOKOL SOFTENS ROUGH HANDS **MOKOL**
FACE CREAM
FOR THE SKIN
Reg. INDISPENSABLE IN THE HOME Reg.
For LIBERAL Wholesale Terms write to—
THE MOKOL CO., 98 Hatton Garden, London, E.C.

A. GIDLOW & CO.

(ESTABLISHED 1896)

Broom Lane, Levenshulme, MANCHESTER.

MANUFACTURERS OF

SHAVING CREAMS

Packed in 1-lb., 2-lb., 7-lb. Boxes and 56-lb. Cases.
Also packed in Collapsible Tubes.

PROPRIETORS & MANUFACTURERS OF

RENARD'S POMADE HONGROISE

Also supplied in unlabelled Tubes and Bulk.
SAMPLES AND PRICES ON APPLICATION.
WHOLESALE ONLY.

WE ADVERTISE, YOU GET THE CUSTOMERS.

DO NOT LOSE SALES - HAVE STOCKS READY.

We are Increasing Sales and Sending Customers to Your Shop by the medium of our present Immense Advertising Campaign, covering over 40 :: important London and Provincial Papers. ::



TRIAL SIZE

P.A.T.A. 4½d. ... @ **36/-**
Packed in quarter-gross display boxes. per gross.

We are making a special feature of our "DIADEM" WAX FOR THE COMPLEXION, and in order to encourage your co-operation we have arranged to allow you 70% profit on the investment.

Until the end of the year, for every two dozen "Diadem" Wax ordered we are giving a Free Bonus of one dozen Trial Size, and, as shown below, your profit will amount to 70% on cost.

P.A.T.A.

2 dozen 2/6 "Diadem"

Wax @ 20/- £2 0 0 Selling price .. £3 0 0

P.A.T.A.

1 dozen 4½d. @ 3/ FREE

Less 5% cash 7 days 2 0

Cost .. £1 18 0 Sum realised .. £3 4 6

The above shows you a profit of over

¶ The Sales resulting from a display of "Diadem" Wax in your window will astonish you.

70%

DECOLTENE

The liquid hair remover.

Robartes' Renowned Depilatory, well advertised, and in universal demand.

PRICE

30/- PER DOZEN

P.A.T.A. 3/9

XMAS TRADE PERFUMES.

We will send particulars on request of attractive perfumes at various prices.

SPECIAL NON-PROPRIETARY LINE.

1-oz. bottles, as illustrated.

A good perfume, at

PER DOZEN **10/6**



WRITE FOR NEW ILLUSTRATED PRICE LIST, giving details of all ROBARTES' other attractive and well-established lines. Showcards and counter matter FREE on request.

ROBARTES, LTD. DYER'S BUILDINGS
Holborn, LONDON, E.C.1



Combined Buying of Violiv Products leads you RIGHT to Good Profits.

Salesmanship snippets.

When you stock the right goods, your balance-sheet will be right.

...

The public memory is short. Keep it fresh and ever green by salesmanship.

...

The "What-can-I-do-for-you" retailer sells one article at a time. The salesman invariably sells two.

...

Introduce service into your shop. Mouse-traps are not the only things to make beaten tracks.

...

Use your windows for attracting customers, not for accumulating dummy cartons.

...

Put your goods tastefully—not crushfully—into your displays.

...

Do not confuse the passing eye—arrest it. Remember, a card a day makes business pay.

...

Violiv goods are worthy of good display. We have distinctive show matter which makes business.

...

Always ask for Violiv "Sale Helps" when ordering Violiv goods.

TREBOR.

The goods are RIGHT; that is the first essential. They are ready sellers: eases the selling staff. The profits have been made generous enough on every line to secure your hearty co-operation.

Combined buying is not a new idea, but on the Violiv policy it will be easily proved by you that VIOLIV will stand as the basis of your business success. Read the following tables and you will observe that the Violiv proposition is a sound and irresistible attraction. Then fill in your order as shown, NOW! *and post to-night.*

Specimen Order—

3 doz.	Violiv Cream, at 11/-	£1 13 0
3	" Violiv Shampoo, at 11/-	1 13 0
12	" Violiv Ice, at 24/-	1 4 0
3	" Quencholeen Hot Cup, at 16/-	2 8 0
3	" Oak Leaf Corn Cure, at 3/6	0 10 6
		<u>£7 8 6</u>
	Less 7½% Cash with Order	0 11 2
	Costs	<u>£6 17 4</u>

Sells for—

3 doz.	Violiv Cream, at 1/6	£2 14 0
3	" Violiv Shampoo, at 3d.	3 3 0
12	" Violiv Ice, at 4½d.	2 14 0
3	" Quencholeen Hot Cup, at 2d.	3 18 0
3	" Oak Leaf Corn Cure, at 7½d.	1 2 6
		<u>£13 11 6</u>

Realises	£13 11 6
Costs	6 17 4
Profit	<u>£6 14 2</u>

EQUAL TO

97% profit.

All orders will be promptly dealt with in rotation, and must be sent to Sole Agents—

PATTINSON & MACKIE, LTD.

Albion House, 59 New Oxford Street, London, W.C.1.
VIOLIV MANUFACTURING CO., LTD. EDINBURGH.



MALACEINE



MALACEINE PRODUCTS

Manufactured by
"PARFUMERIE MONPELAS"
 PARIS.

No.				On the P.A.T.A.	
				Wholesale Price Per Doz.	Minimum Retailing Price Each.
62	Crème Malaceine, Small size	-	-	21/-	2/6
63	" " Medium size-	-	-	42/-	5/-
64	" " Large " -	-	-	66/-	7/6
67	Poudre Malaceine	-	-	34/-	4/-
71	Malaceine Toilet Soap	-	-	31/-	3/6
78	" Shaving Soap	-	-	31/-	3/6

SHOWCARDS SUPPLIED.

An extensive Advertising Campaign is now proceeding in all the principal Society Papers.

SPECIAL TERMS for Home Trade—

Small quantities - - - - - 7½ % 1 Month
 £5 lots and upwards - 5 % Invoice and 7½ % 1 Month

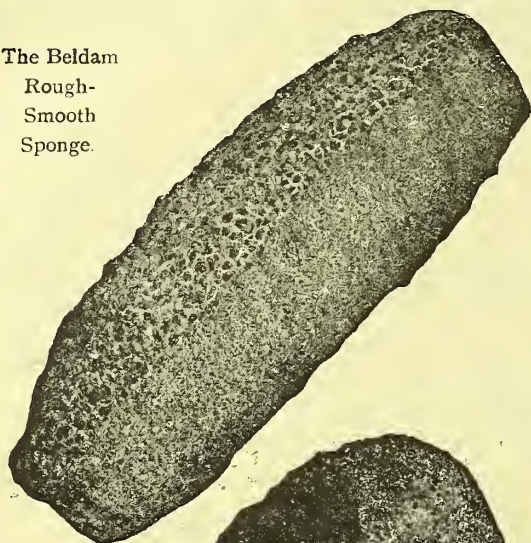
SOLE WHOLESALE AGENTS FOR
 GREAT BRITAIN, IRELAND, SOUTH AFRICA and INDIA—



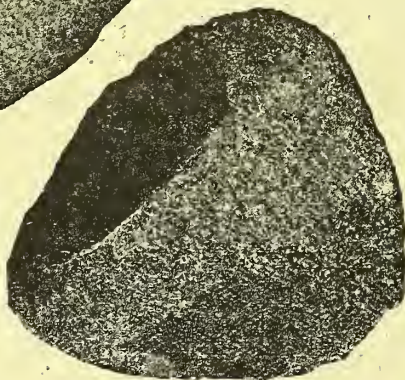
WILLIAM TOOGOOD LTD.
 77, SOUTHWARK ST
 LONDON, S.E.1.



The Beldam
Rough-
Smooth
Sponge.



The Beldam
Cup Sponge.



Godbolds

BELDAM

Pure Rubber

SPONGES



BELDAM Rubber Sponges are better and last much longer than ordinary rubber sponges. They are made from the best red rubber. They are of a fine, soft texture, delightful to use.

They provide the perfect sponge for use in the toilet, the bath, the lavatory, the sick room or the surgery. Medical men recommend them. They are unaffected by boiling water or by strong disinfectant.

Address:

Rubber Sponge Dept., The Beldam Tyre Co. (1920) Ltd.
Brentford, Middlesex.



Who'sale and Export ONLY.

COMBS

DRESSING - RAKE - TOOTH

Write for Samples and Quotations for immediate delivery.

J. A. BROTHERS,

17/18 Chapel St., Whitecross St., London, E.C.2

Phone : CITY 5321.

THE "NORTH-SEVEN" CASH TILL, IMPROVED MODEL.

Made from well-seasoned wood, polished Mahogany finish. Size 19 x 10 x 7 1/2 in. Both lid and drawer fitted with lock. Recording paper 7 1/2 in. wide. Automatic fly rings warn ng bell each time cash drawer is opened.

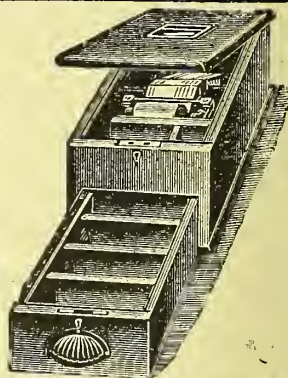
Price £5. 15. 0 each.

The "North-Seven" Till Coils, for use in above Tills, 6/- doz.

Sent on 14 days' trial, on receipt of Cash or two Wholesale Trade references.

DUDLEY & COMPANY,
Holloway, London, N. 7.

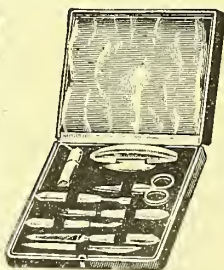
City Showrooms :
25 WOOD STREET, E.C.2



We Manufacture all we sell.

We have representatives in
Manchester, Glasgow & Ireland.

Wholesale & Shipping only supplied.



MANICURE SETS

MANICURE PARTS

HANDLES

NAIL FILES

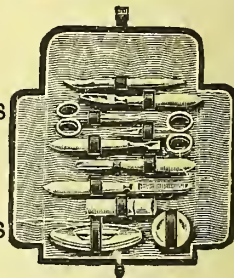


DRESSING COMBS

DUST COMBS

BRUSH BACKS

ERINOID ARTICLES



MYERS, LUMOS & CO.,

Ring up North 2976.

Factories :

Sales Offices - 68 Blackstock Rd., Finsbury Park, N.4.

Islington & Finsbury Park, London, N.4.

ASPIRIN TABLETS
 BAY RUM & CANTH.
 HAIR WASH
 BEAUTY CREAM
 BLOOD PURIFIER
 BOROFORMIC SOAP
 BORATED DUSTING
 POWDER
 BRILLIANTINE
 SOLIDIFIED
 CARLSBAD POWDER
 CHEMICAL FOOD
 CHILBLAIN TABLETS
 COLD CURE TABLETS
 COUGH SYRUP
 DENTAL FOAM
 DIGESTIVE SYRUP
 EMULS. C.L.O.
 EXTRACT OF MALT
 & COD LIVER OIL
 FOOT TABS.
 GLYCERINE AND
 CUCUMBER CREAM
 HAIR INVIGORATOR
 HEADACHE & NEU-
 RALGIA TABS.
 HOUSEHOLD EMBRO-
 CATION
 HYPHOSPHITES
 RUBBING & HEALING
 OINTMENT
 LIVER TONIC
 SALINE
 SHAMPOO POWDER
 SYRUP OF FIGS
 TOOTH POWDER
 VANISHING CREAM
 WITCH HAZEL FOAM



Introducing

ELCO

—a Series of 30 distinctive Toilet and Medicinal Preparations of Quality guaranteed by the Tradition, Experience, and Resources of an old-established British House of Manufacturing Chemists.

The purposes of the ELCO Series are :

—to forge a desirable link between a varying range of specialities in everyday use, enabling you to supply a preparation for every purpose from one source, and of consistent high quality

—to eliminate WASTE—in time, money and energy: to modernise ordering, selling and bookkeeping

—to educate your customers to appreciate the uniformity of ELCO high quality, to be guided by the distinctive packing, the name, the seal, and to eventually help them realise that satisfaction derived from one ELCO product is obtainable from all

—and to thereby promote a sense of CONFIDENCE between your customers and yourself—yourself and ourselves.

Sold under P.A.T.A. the ELCO Specialities, with the exception of ELCO Malt and Oil, yield an average profit of over 70% on cost. For a £5 assortment the profit averages 80%. Behind

ELCO are the Resources, Reputation, Skill and Organisation of

EVANS SONS LESCHER & WEBB LIMITED
 LIVERPOOL NEW YORK LONDON

TITTERTON'S

CELEBRATED



HAIR BRUSHES

TOOTH, NAIL, SHAVING AND BATH BRUSHES.

Makers of the "Athenæum" Tooth and Nail Brushes.

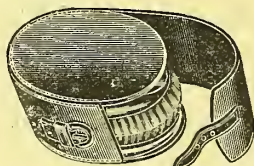
TITTERTON & HOWARD, Ltd. BRUSH MANUFACTURERS
8 & 10 Gt. Titchfield Street, London, W.1

★ **BIDWELLS** ★
Hair Brushes



Ebony

in



**Best Bristle,
Whalebone, Etc.**

AXMINSTER,

DEVON.

WE SPECIALIZE IN
SAFETY RAZORS
BLADES. STROPPERS.

Each pattern of
Every Standard Make
from stock, at Manufacturers' prices.

List on Application.

H. TILLNER, 172 OXFORD ROAD,
READING, BERKS.

Macmillatur
REG. TRADE MARK.

**HIGH-CLASS
MANICURE PREPARATIONS**

LONDON . . PARIS

Our High-class Manicure Preparations are put up in a blue and white striped packing under the registered Trade Mark.

Macmillatur
REGD.

No.		Price per doz. to Retailer	Selling Price
732	White Nail Polishing Stone	5/6	9d.
596	" Large Size	12/-	1/6
726	Flex'ble Emery Boards	5/6	9d.
724	Genuine Orange Sticks	12/-	1/6
734	Nail Polishing Cream, Waterproof	12/-	1/6
722	Cuticle Cream	12/-	1/6
738	Liquid Nail Varnish	12/-	1/6
744	Nail Polishing Powder	12/-	1/6
	" Compact " Manicure Set with Ring Polisher and Plated File	48/-	6/6

MACMILLAN & ARTHUR

1, 2, 3 & 4 Giltspur Street, E.C. 1.

**TWO DAINTY LINES
THE BEST ON THE MARKET.**



Actual size.

Now in Stock.
Packed in Pre-war Style Aluminium Hinged Boxes (enamelled finish) and Show Boxes of 1 dozen.
Per 6/- doz.



In Screw-top Boxwood Cases and
Outers of 1 dozen with Showcards.

Per 4/- doz.

Manufactured by

SOLPORT BROS., LTD.

184-190 Goswell Road, London, E.C. 1.

Obtainable through all Wholesale Houses.



**Everyone of
them needs a
Sorbo Sponge**

THERE is hardly a household from John o' Groats to Land's End which would not be better off with a Sorbo Sponge.

In your district there are thousands of torn and slimy sponges just waiting to be replaced by a clean, velvet-soft Sorbo Sponge. Sorbo Sponges never get slimy. Soap improves them.

Don't miss this opportunity of doing a big trade. Display Sorbo Sponges in your window. Retailers have cleared as much as £15 in a single week from the sale of these sponges.

Get in a good stock of assorted sizes and display them on your counter.
Write to-day.

Sorbo sponge
THE MOST ABSORBENT RUBBER SPONGE

Sorbo Rubber-Sponge Products, Ltd.

24 WALBROOK, LONDON, E.C. 4.

Telephone: City 9372.

Telegrams: "Osorbeau London."

SOME TRULY REMARKABLE TESTIMONY FROM CHEMISTS

Who write us to tell of how "restless" they find their stocks of

REUDEL BATH SALTRATES AND ALKIA SALTRATES

The best of all preparations for the bath.
Sells at 2/- and 3/3 (P.A.T.A.).

The Acme of perfection in Salines.
Sells at 3/3 a large bottle (P.A.T.A.).

These products simply will not stay on the shelf.

NOTE.—The following statements were sent us without solicitation of any kind.

Mr. Chas. Robertson of St. Andrews, wrote us saying that our products were proving so restless that he had difficulty in keeping them on his shelf. He had just made three sales within 15 minutes. Mr. J. L. Lewis of Harlesden, and many other Chemists have also written us telling of similar experiences.

In a recent advertisement we reproduced Mr. Robertson's letter in facsimile, and Mr. A. W. Cornish of Bristol, after reading that announcement, now writes us to say he has eclipsed even Mr. Robertson's record, having himself made four sales in five minutes.

By special permission, we reproduce below, in full, the letter which Mr. Cornish has kindly sent us.

A.W. CORNISH, M.P.S.
THE PEOPLE'S CHEMIST
The Oxford Pharmacy 188 Lower Ashley Rd.
BRISTOL

Messrs Saltrates Ltd.,
212/214, Gt Portland St.,
London. W.1.

April 24th. 1920:

Dear Sirs;— I was reading through reproduction of Mr Robertson's (St Andrews) letter on page twelve of to-day's date Chemist & Druggist and I think this afternoon I surpassed his feat. in my shop as above. Four customers following, purchasing Saltrates preparations, as follows.

2/- Reudel Bath Saltrates	) <u>All in</u>
3/3 Alkia Saltrates	) <u>five</u>
2/- Reudel Bath Saltrates	) <u>minutes</u>
3/3 " "	) <u>or so.</u>

Later on in the day I was asked for another 2/- size Reudel, but in this case the customer would not take the 3/3 size, so I missed the sale, having just sold the last small package. I am quite prepared to admit that this is a coincidence that does not often occur, and probably was in part due to other brother Pharmacists being "Sold out". But your preparations are always good sellers with me.

I thought the foregoing would interest you, and it is absolutely authentic, as my Lady Assistant can witness. If the "Tale wants adorning" and I may "point a moral", I would say never load up your shelves with goods that stick there, but to borrow Mr Robertson's "natty" phrase fill up with "restless" goods, which are restless to the point of removal for "Cash Till Food".

With compliments,
Yours faithfully,

A.W. Cornish

Why it Pays to Sell Doan's

Purchased in six-dozen lots there is a gross profit of **£3:0:0** to the Retailer. Based on a sale of only 3 boxes a week, Doan's Pills mean an annual profit to you of **£19:10:0**

**There's no
Dead Stock**

The steady demand for Doan's Preparations and our guarantee entirely eliminates all risk of ever having to carry Dead Stock.

P.A.T.A. prices :

England, Scotland & Wales.

	Per doz. in 6 doz. lots.	In less than 6 doz. lots.	Minimum retail prices.
<i>Doan's Backache Kidney Pills</i>	26/-	29/-	3/-
<i>Doan's Ointment</i> ...	26/-	29/-	3/-
<i>Doan's Dinner Pills</i> ...	10/9	12/-	1/3

*Assorted
as required.*

(Best prices apply to lots amounting to
£7.10.0 or over).

Ireland,

Channel Isles & Isle of Man.

	Per doz. in 6 doz. lots.	In less than 6 doz. lots.	Minimum retail prices.
	23/6	26/3	2/9
	23/6	26/3	2/9
	10/6	11/9	1/3

(Best prices apply to lots amounting to
£7.1.0 or over).

Let us send you our Pictorial Showcard.

Size 16½" long by 5⅞" deep. It sells

Doan's Pills by "Telling their Story."

We guarantee to refund at
Invoice Price upon any goods
returned to us.

You run no risk at all, as
we gladly exchange unsold
or damaged stock.

Foster-McClellan Co., Manufacturing
Chemists,
8 Wells Street, Oxford Street, London, W.1.

Telegrams : "Fluoric, Ox, London."

Telephone : Museum 4864.

"WE ADVERTISE OUR GOODS" TO SELL YOURS.



Attractive Packing is the Best Proposition for Producing Results. Well-Designed Printing Helps. Our Experience has been Gained for Your Benefit.

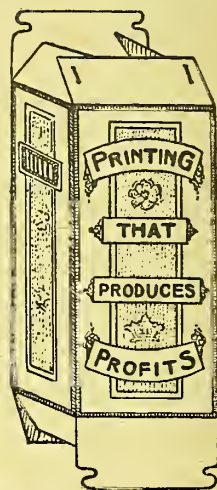
Why Not Take Advantage?

Ask our Representative to call.

CUNDELL, EVE & CO., LTD.

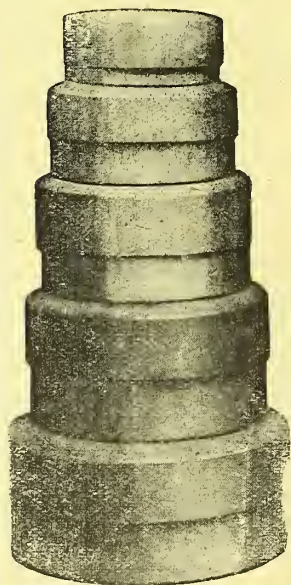
Telephones:
Central 10169.
North 3038.

PRINTING AND PACKING EXPERTS,
19-25 UNDERWOOD STREET, LONDON, N.1.



Telegrams:
"Cundeco,"
Phone, London."

"Corruganza" SEAMLESS Ointment Boxes



Have replaced the old willow boxes.

The bottoms cannot fall out.

Greaseproof.

Wholesale or Export only from

HUGH STEVENSON & SONS, LIMITED

Summerstown Works,
LONDON - S.W. 17.

And at Manchester, Birmingham, Leith, Perth, & Glasgow.

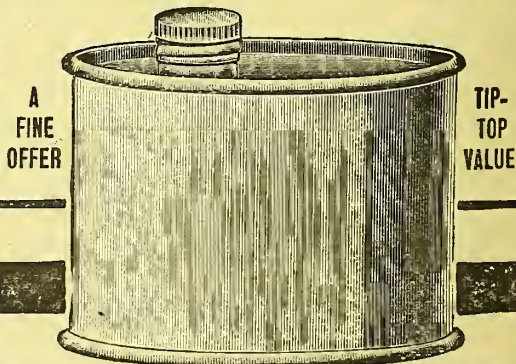
Manufacturers of all kinds of Cardboard Boxes, Folding Packets, Tubes and Canisters, Fibre-Board Packing Cases, Corrugated Paper, &c.

FOR SALE ON ADVANTAGEOUS TERMS 1000 GROSS OVAL SCREW-TOP TINS (as illustration)

Beautifully and strongly made, would make splendid receptacles for oils, enamels, varnish, etc.

Prices and Particulars—

THE COUNTY CHEMICAL CO., LTD.
CHEMICO WORKS - BIRMINGHAM.



WHOLESALE ONLY

We Specialise in the
Manufacture of

GLASS STOPPERED BOTTLES

for

**Perfumes, Chemicals,
Spirits, etc.**

Stoppering Guaranteed.
Prompt Delivery.

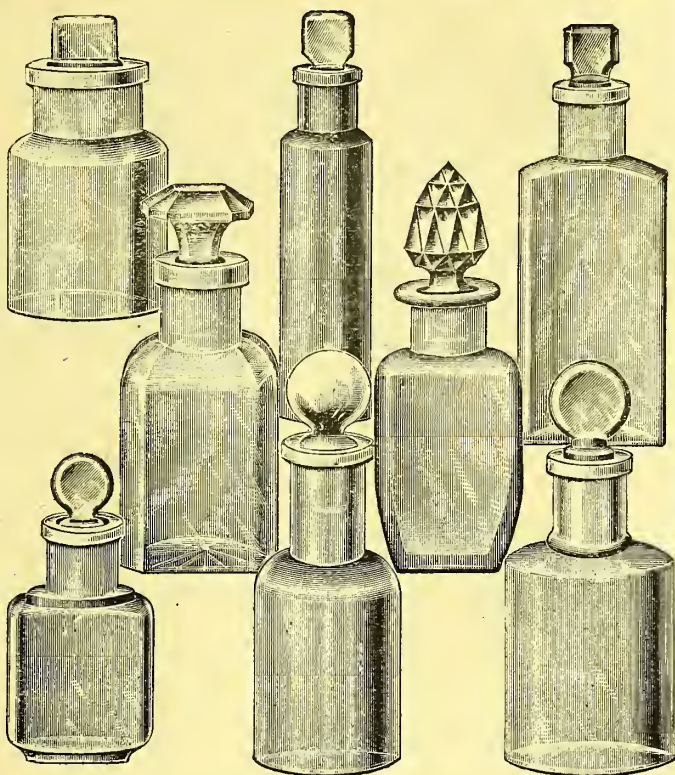
MOULDS for Special
Shapes made at these
Works.

Samples and Prices on application.

John Dowell & Sons, Ltd.

Globe Works, Chatsworth Road,
Clapton, London, E. 5

Tel. No.: Dalston 2219.
Tel. Add.: "Acetized, Hack, London."



MEDICINAL GELATINE CAPSULES

**Blaud Pill
Castor Oil
Cod Liver Oil
Balsam Copaiba
Sandalwood Oil**

etc. etc.

INQUIRIES INVITED.

JOHN TYE & SON,
457 Caledonian Road, LONDON, N. 7.

WHITE FLINT BOTTLES

OF ALL DESCRIPTIONS UP TO 8 oz.

IMMEDIATE DELIVERY.

**TABLET BOTTLES, VIALS,
PANELS, KALIS, TOBINS,
WIDE-MOUTH ROUNDS.**

Inquiries esteemed for lettered and special-pattern bottles
HERBERT M. LONGCROFT & CO. LTD.

16 Clerkenwell Road, LONDON, E.C.1



BOTTLES

HAND-MADE.
MACHINE-MADE.
STOPPERED.
CUT & CUT-OVER.

C. G. BROOKS

York House, 140 King's Cross Road, London
and 1 Britannia Street, King's Cross, London.

PRICE LIST NOW READY

OCTOBER 1920.

WM. EDWARDS & SONS

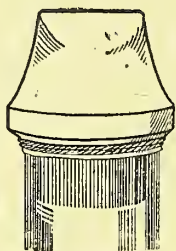
157 Queen Victoria Street, and

Telephones : Central 1400 and 1401.
Telegrams : "Medicine, Cent, London."

239/240 Upper Thames Street, E.C. 4

Immediate Delivery

GATES' BOTTLE CAPPING SKINS



SNOW-WHITE OPAQUE
ROLLED SKINS

These Skins are damp and READY FOR USE. They are used by all the leading Perfumery and Drug Houses, ABSOLUTELY AS OPAQUE AS SPLIT SKINS and equal in appearance. Also

WHITE, OPAQUE &
TRANSPARENT
BAUDRUCHE

"Sole Pioneer" and only
English Manufacturer

LESLIE GATES
HAILSHAM, SUSSEX
Telephones, 53 and 3.

Another New Speciality.—Try my
TRANSPARENT SHEEP BAUD-
RUCHE CAPPING SKINS.



Gold-Beaters' Skin

BOXES

For the Chemist, Druggist and Sundriesman.

Send your Sizes or Samples, and we will
quote you by return. No order too small.
No order too large. We **KNOW** your
wants and will fit you.

J. DAVIDSON,

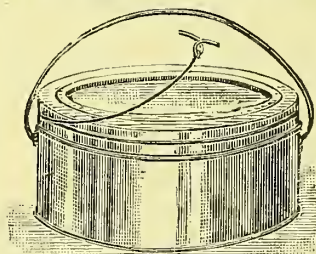
98 Shepherdess Walk, City Road, London, N.1.

Telephone: North 3747.

The Northern Tin Canister Works,

6 Mersey Street,
LIVERPOOL.

Manufacturers
for the
Chemical Trade.



Patent Air Tight Slip-lid Tin
for Export.

**TIGHT SEAMING &
VARNISH BOTTLES
A SPECIALITY.**

Prompt Deliveries Assured.

**Effective, Showy, and
Very Saleable**

Losall's - - Ball-Room Floor Polish

For quickly producing
a perfect Polish on
Floors for Dancing.

Handsome three-coloured
Enamelled Tin,
Perforated Top.

P.A.T.A. 1/6 Per Dozen, 13/6



LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants and
Manufacturing Chemists,

HULL.

MAKES DANCING A PLEASURE.

THE "ELDON" BALL - ROOM FLOOR POLISH

In 1-lb. packets or 1-cwt. sacks.

HALL FORSTER & CO., Ltd.
NEWCASTLE-ON-TYNE.

"RAYOLENE" HOME DYES.

THE HOUSEHOLD FAVOURITE.

Suitable for all fabrics—Wool, Silk, Cotton or Mixed
Goods—easy and simple to use and results are
CERTAIN every time.

RAYOLENE DYES are well advertised and at-
tractively packed in packets to retail at 4d. and 6d.
Sample packet and wholesale prices on request.
Factors and export inquiries receive special attention.

Agents wanted where not represented.

TEXALO MANUFACTURING CO.,
SOUTH SHORE, BLACKPOOL, LANCs.

THE DANCING BOOM HOLDS A PROFIT FOR YOU

SLIPPERINE
REGISTERED
**BALL ROOM
FLOOR POLISH**

*Sprinkle lightly over the floor—
The Dancers do the rest.*

"SLIPPERINE" is just the little
better that makes it the easier to
sell, and—the easier to use.

A Slipperined Floor is the Perfect
Dance Floor.

P.A.T.A. 1/6 size - 12/- doz.
" 2/6 " (double) 20/- "
3 doz. less 2½%
6 " " 5%

Showcards and Window Bills supplied.

"Slipperine" may be ordered through any of the following
wholesale distributors:

MAY, ROBERTS & Co., Ltd.	LONDON & DUBLIN.
RAIMES, CLARKE & Co., Ltd.	
HARKNESS, BEAUMONT & Co.	
T. & H. SMITH, Ltd.	
PINKERTON, GIBSON & Co. Ltd.	EDINBURGH.
J. F. MACFARLAN & Co.	
JOHN MACKAY & Co., Ltd.	
DUNCAN, FLOCKHART & CO.	
LORIMER & M'YES, Ltd.	
COCKBURN & Co., Ltd.	GLASGOW.
HARKNESS, GALLACHER & RUFF, Ltd.	
BROWN, GRAY & Co.	
W. PATTERSON & SONS	ABERDEEN.
W. DAVIDSON, Ltd.	
PREMIER DRUG CO., Ltd.	MANCHESTER.
E. C. BROOKS-VOS	BIRMINGHAM.
RICHARD DANIEL & CO.	DERBY.
HAYES, CONYNGHAM & ROBINSON, Ltd.	DUBLIN.
BOILEAU & ROYD, L.D.	
NIVERRE CHEMICAL CO.	BELFAST.
JOHN MORTIMER & CO.	LONDON DERRY.

Where not represented, the Makers will be pleased to
state carriage paid quantity on request, or will gladly
send a first order for 1 dozen, carriage paid, cash with
order, if wholealer's name is given.

Makers—

JOHNSTON & ADAMS,
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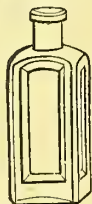
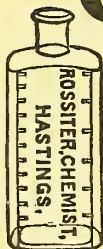
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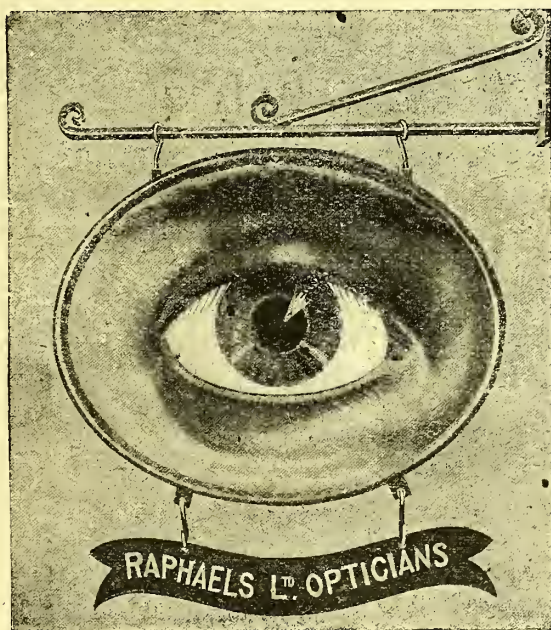


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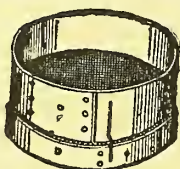
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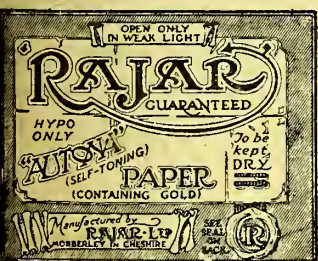
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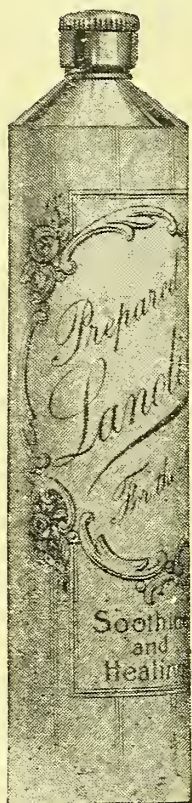
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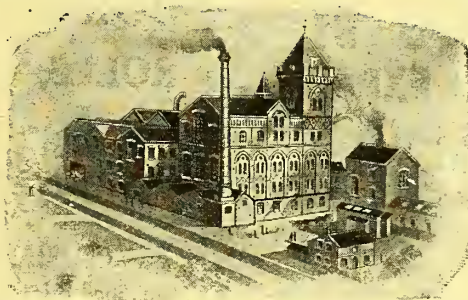
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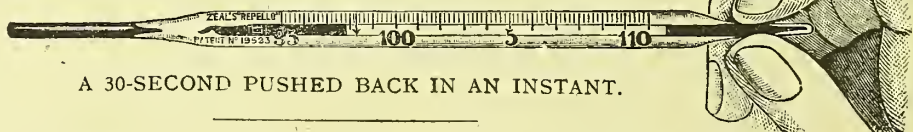
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Coming Events.

Tuesday, November 9.

Ealing Pharmacists' Association, Eden's Restaurant, High Street, Ealing, London, W., at 8.30 p.m. Meeting.
North London Pharmaceutical Association, Progressive Pharmacy Club, Arundel Hotel, at 8.30 p.m. Meeting.

Wednesday, November 10.

Manchester Pharmaceutical Association, 65 Market Street. Mr. G. E. Marfitt on "Window Dressing."
Sheffield Pharmaceutical and Chemical Society, Literary and Philosophical Society's Rooms. Lantern lecture by Mr. S. Jamieson on "Petroleum from the Wells to the Pharmacy."

Thursday, November 11.

Salford Pharmaceutical Association, 40 The Crescent, at 8.45 p.m. Dr. White on "The Ductless Glands."
Bradford Pharmacists' Association, Central Café, at 8.15 p.m. Mr. L. M. Parry on "Some Ideals and Attainments."
Pharmacists' Services Club, Progressive Pharmacy Club, Arundel Hotel, at 8.30 p.m. Smoking concert. Collection of 1s. to 1s. 6d. to defray expenses.
South Wales and Monmouthshire Pharmacists' Local Associations Federation, Wellington Hotel, Brecon, at 2 p.m. Meeting and discussion of Proprietary Medicines Bill.
South-Western Federation, Parade Assembly Rooms, Taunton, at 3.45 p.m. Annual meeting. Mr. F. E. Bilson will deliver an address on "Current Pharmaceutical Topics." Tea, by invitation of the Somersetshire County Pharmacists Employers' Association.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Unlawful Possession of Cocaine.

At Marlborough Street Police Court, London, on October 30, Horace Kingsley, who refused to give his address and occupation, was sentenced to six months' imprisonment, and a fine of 50l. (or an additional three months' imprisonment), for being in the unauthorised possession of cocaine.

At Marylebone Police Court, on October 29, two men named Huntman were each sentenced to two months' imprisonment in the second division for being in unlawful possession of cocaine and supplying it to other men, named Hertridge and Beach, who were also included in the former charge (*C. & D.*, October 23, p. 46). Hertridge and Beach were bound over.

House-organs.

The following are among the house-organs that have reached us during the month:

"Asbestos" (Turner Brothers Asbestos Co., Ltd., Rochdale) has very much the appearance and proportions of a magazine. It is well illustrated, and contains several interesting and instructive articles, in addition to notes on current problems.

"Glaxo Service Bulletin" (Glaxo, London, W. 1) gives the first place in the current issue to a discussion on the needs of ex-Service men in pharmacy. Mr. Frank G. Hines, in a suggestive article on "Window Advertising," designates window-displays as (1) stunts, (2) planned ideas, or (3) talks. Mr. Alec Nathan, managing director of Joseph Nathan & Co., Ltd., has asked "the favour of space" in the "Bulletin" in order to express his views about the increase in sales of Glaxo by grocers; and the competition of grocers is further dealt with under the heading "Home Delivery." Methods of keeping stock—e.g., of Glaxo—and of keeping Insurance accounts are set forth in detail in another part of the *brochure*, which, for the rest, well maintains its variety.

Birmingham.

Travellers in the district are complaining of the "thinness" of their books.

Mr. Charles Vernon Thompson, chemist and druggist, son of Mr. Charles Thompson, Ph.C., has been elected to the council of the Birmingham Pharmaceutical Association in place of his father, who has resigned.

The pharmacist in the rôle of chairman at a cricket-club dinner and concert, surrounded by the beauty and chivalry of a Birmingham suburban district, is surely a most unusual thing. But such was the case on October 29. After all, why not?

The shop-lighting case reported on p. 69 of this issue is of unusual interest as an example of the vigilance of public authorities under the new Lighting Order, and is possibly the first case of its kind. The withdrawal of the summons is almost an advertisement in itself.

Two sales by auction of chemists' stock-in-trade are to be held in Birmingham shortly. That of Mr. Phineas Keats will take place on November 16 and 17, and may be viewed on November 15. The stock of the Euxine Drug Co., Ltd., is to be sold on November 18, and may be viewed on November 16 and 17.

Mr. Walter Nield, chemist and druggist, manager of the High Street, King's Heath, branch of Boots, Ltd., had, on October 27, a narrow escape from death by gas-poisoning. Mr. Nield, who was discovered unconscious by a furniture remover, had fallen asleep in front of a gas-radiator. Apparently he had accidentally kicked the tubing connecting the radiator and a gas pendant, and in this way released the gas.

Liverpool.

Ayrton, Saunders & Co., Ltd., included in a recently dressed show-case some artistic trifles brought by Mr. W. H. Saunders from Japan. City customers have shown a quick appreciation.

As showing the elasticity of trade when not hampered by strikes, the wholesale houses report this week an upward bound of business on the expected early resumption of the coal output.

"Have you any female assistants here?" asked a woman who protruded her head into a central-area pharmacy the other day. "No, not one," replied the proprietor. "O dear! I cannot tell any man what I want," quoth the woman, withdrawing.

Mr. George Whitfield, Scarborough, who landed at Liverpool on November 2, upon returning from his tour, had a conversation with a *C. & D.* representative. The Americans, he said, are far behind the British in retail service. The nearest they have got to courtesy is "Thank you" in the form of an electric sign. All the travellers told him that they could sell nothing at present, as the slump had set in and the shops feared to add to large stocks. Each second shop had a "sale" proceeding. What surprised him most was the lavish expenditure on cosmetics and candy. Salaries are high, but the dollar goes no further than the British shilling.

Great interest is being taken in the forthcoming dinner which is being given, on November 17, by Mr. William P. Evans, J.P., chairman of the British Pharmaceutical Conference local committee. The invitations sent out number 140, and this, it is believed, makes a record number for a single host in the drug-trade. Special features of the evening will be the best band Liverpool can provide (to play during the dinner), and some well-known humorous entertainers. Those who have suffered from lengthy oratory at chemists' dinners will be interested to hear that the speeches on this occasion will be very few and very short. A flashlight photograph will be taken, copies of which will be posted to the guests as a memento of the last gathering of the B.P.C. local committee. Everything, in fact, is being done to render the event a memorable one.

Manchester.

Several chemists are anticipating demands for rat-poisons by effective and showy displays.

Mr. John L. Smith, chemist and dentist, Stretford Road, has recently been appointed honorary pharmacist to the Hulme Dispensary.

Neighbouring chemists and *confrères* of the late Mr. F. Robinson, chemist and druggist, Moss Side, Manchester, attended the funeral to pay their last tribute to a genial colleague. (See *C. & D.*, October 30, p. 77.)

At an Investiture held at Buckingham Palace on October 12, the King presented the D.S.O. and the M.C. to Lieutenant-Colonel Stanley Watson, B.Sc., a member of the staff of James Woolley, Sons & Co., Ltd., manufacturing chemists, Manchester. Lieutenant-Colonel Watson served in the Cheshire Regiment.

Mr. John Cleworth, President of the Manchester Pharmaceutical Association, hopes to see as many as possible of the members of the Associations (Manchester and Salford) at the address on window-dressing by Mr. G. E. Marfitt on November 10. Assistants and apprentices of members are also cordially invited. About ninety large mounted photographs will be shown.

Sheffield.

Mr. G. F. Leighton, chemist and druggist, Glossop Road, is gradually recovering from his recent illness (*C. & D.*, October 16, p. 48).

"Trade has kept up to a surprising degree in the industrial districts of the city," writes a correspondent, "although the loss to Sheffield through the strike is estimated at 750,000*l.* in orders."

The balance-sheet of the local Insurance accounts for the year 1919 shows that the whole of the "floating sixpence," amounting to 4,035*l.*, was transferred to the doctors. A balance of 1,705*l.* was carried forward to the present year. Advance payment is in future to be at the rate of 6*d.* instead of 4*d.* per script. The latest monthly payment to chemists amounts to 1,156*l.*

Miscellaneous.

POISONING.—A verdict of "Death from misadventure" was returned at an inquest held at Brighton, on October 29, on the body of a Mrs. Kottam, who died from drinking a solution of ammonia while inebriated.

WINDOW-DRESSING COMPETITION.—Among the prize-winners in the recent window-dressing competition held in connection with a shopping week at Canterbury were Mr. A. Lander, Ph.C., and Walker & Harris, Ltd., chemists.

WINDOW-SMASH.—A motor-cycle and side-car smashed the window and door of the Kingston-on-Thames branch of Parke's Drug Stores, Ltd., on November 1. An assistant, who was emptying the window at the time, escaped with one or two bruises.

IN THE COURTS.—At Lambeth Police Court, London, on October 23, Charles Parker and Barney Smith, described as commission agents' clerks, were remanded in custody on a charge of being concerned together in the unlawful possession of 20 oz. of morphine, valued at 22*l.* Parker was further charged with stealing, and in the alternative with receiving, 72 oz. of morphine, valued at 79*l.* 4*s.*, the property of some person or persons unknown. A detective-sergeant estimated in court that the morphine found was sufficient to kill 20,000 people.—At Bradford City Police Court, on November 2, Savage & Co., Ltd., manufacturing chemists, Listerhills Road, were summoned on a charge of allowing a motor wagon to be used, the fittings of which were in a condition liable to cause danger to the public. The driver of the waggon was summoned for using it. The case arose out of a recent fatality (*C. & D.*, October 2, p. 55). For the defence, Mr. Charlesworth, who had examined the car, said the footbrake was in particularly good condition, but the tongue rod had dropped off the back axle. The stipendiary magistrate held that there was no evidence to make the defendants criminally liable, and the summonses were accordingly dismissed.

Irish News.

Brevities.

The Medical Hall, Ballyshannon, co. Donegal, was one of a number of shops in the town searched recently by military and police.

Mr. J. Macauley, Ph.C., Downpatrick, has opened a pharmacy in Saintfield. This is the first establishment of the kind in the town.

In the firing which accompanied the shooting of a police constable at Dungannon on November 1, a plate-glass window in the establishment of Mr. J. W. Nethery, Ph.C., was smashed.

A recent co. Mayo conference recommended that bottles for medicines at local dispensaries should only be given to the destitute. It was stated that in some places considerable abuse existed in this respect. The Ballina Guardians have given definite instructions to their officials on the point.

Belfast.

Mr. L. L. Glick, L.D.S., R.C.S.I., surgeon dentist, 10 Carlisle Terrace, Crumlin Road, Belfast, has succeeded to the practice carried on by the late Mr. Charles A. McGlade, L.D.S., R.C.S.I.

At the annual meeting of the Belfast Chamber of Trade, held recently in Belfast, Mr. W. J. Hardy, Ph.C. (Davidson & Hardy), was elected a Vice-President, and Mr. J. Carroll Culbert, Ph.C., an hon. secretary. Both gentlemen are prominently identified with the Ulster Retail Drug Trade Association. The sectional appointments to the Executive included the following: Ulster Retail Drug Trade Association—Messrs. Samuel Suffern, R.D., Andrew Wilson, Ph.C., and W. E. Wilson, R.D.; North Irish Pharmacists' Association—Mr. J. C. Culbert, Ph.C.

Wm. Dobbin & Co., Ltd., chemists, 45-47 North Street, Belfast, have decided to retire from business, a step which will mean the disappearance of what is probably

the oldest drug establishment in the city. The business was founded in North Street in 1841 by three brothers, Leonard, William, and John Dobbin, whose first premises were situated at 18 and 20 North Street, now occupied by Messrs. J. & J. Haslett, Ltd., chemists and druggists. Mr. John Dobbin died in 1845, and about the same time Leonard and William dissolved partnership, the former proceeding on a voyage to Australia for the benefit of his health. On his return he settled in Cork, where he built up the business well known in the South as Dobbin, Ogilvie & Co., Ltd. At the dissolution, Mr. William Dobbin commenced business at the corner of Long Lane and North Street, the site of the present building. For many years the business was confined to the wholesale end, but in 1888 Mr. Dobbin decided to open a retail business. Many alterations were made to the premises, and in 1912 the present beautiful front was built. Mr. Wm. Dobbin, J.P., was recognised as the father of the drug-trade in the North of Ireland. He served for several years on the Belfast Corporation, and was also a magistrate for the city. Many citizens, who subsequently attained prominent positions in pharmacy and the political life of Belfast, obtained their business training in Dobbin's. Included among these were Sir James Haslett, founder of J. & J. Haslett, Ltd., North Street, and the late Mr. Thomas M'Mullan. Mr. Wm. Dobbin, J.P., died in December 1901 at the age of eighty-four, and the management of the firm then devolved upon his son, Mr. William C. Dobbin, who was admitted to membership of the Pharmaceutical Society of Ireland in 1876, and has carried on the traditions of the firm. He became managing director some years ago, and has had the assistance of his son, Mr. Leonard T. Dobbin. Mr. Wm. C. Dobbin has leased the premises to a syndicate, who are to obtain possession on March 1, 1921, until which time Dobbin & Co. will continue to cater for the needs of their *clientèle*. To what uses the syndicate propose to put Dobbin & Co.'s premises has not so far transpired. The branches of the business relating to the drug and allied trades will still be carried on at 63 North Street by Mr. Leonard T. Dobbin.

Scottish News.

Brevities.

"A qualified chemist, rather than remain unemployed, has joined the 'black and tans,'" writes a correspondent.

Mr. Bernard Heddle, chemist and druggist, Kirkcaldy, has been appointed a director of the Orkney Fishery, Ltd.

Mr. Thomas Spence, Ben Nevis Pharmacy, Fort William, asks us to state that the paragraph regarding a Fort William pharmacy (*C. & D.*, October 23, p. 48) "has no foundation in fact" if it refers to his business.

The Scottish Board of Health has issued a circular to the effect that on the date of the termination of the war, as fixed by Order in Council, the fee to be paid to a medical practitioner for the notification of a case of infectious disease will revert to 2s. 6d.

Provost John Raffan, J.P., chemist and druggist, Stirling, gave a farewell dinner to his civic colleagues and to the burgh officials prior to his retirement (see *C. & D.*, October 16, p. 48). The Provost was the subject of an appreciative note in a recent issue of the "Stirlingshire Observer."

Aberdeen.

The investigations of Dr. Rennie, Aberdeen University (carried out in collaboration with Miss E. T. Harvey & Mr. P. Bruce White), on the cause of the Isle of Wight bee disease have been brought to a successful conclusion. The disease is attributed to a mite which enters the breathing-tube of the bee, blocks the air-passage, and thus cuts off oxygen from the muscles and nerve-centres concerned with locomotion. It is proposed to name the mite *Tarsonemus Woodi*, after a local bee fancier who has subsidised recent investigations.

Edinburgh.

Baillie Coull, Ph.C. (Raines, Clark & Co., Ltd.), presided, on November 1, at the last Leith police court held before the amalgamation with Edinburgh.

An interesting address on variations in plant-structure was delivered by Professor F. O. Bower, F.R.S., D.Sc., on October 27, at a meeting of the Royal Society of Edinburgh.

The Edinburgh and East of Scotland branch of the Society of Chemical Industry held the first ordinary meeting of the session on October 27, in the hall of the Pharmaceutical Society, York Place. Dr. Jerdan, the chairman, addressed the meeting, and discussed, among other things, methods of reducing waste in chemical works. At the next meeting, on November 16, Dr. A. C. Cumming is to read a paper on "Possible Chemical Inventions."

Fifeshire.

Mr. J. B. McLaren, chemist and druggist, Kirkcaldy, is contesting the third ward at the municipal election on November 9.

Mr. Charles S. G. McDonald, chemist and druggist, Auchtermuchty, has been appointed secretary and treasurer of the Stratheden curling club.

After eating tablets which he found in the refuse-box in front of a shop (said to be a pharmacy), a Fife school-boy collapsed. Investigation proved that the tablets contained sulphonal. The boy is recovering.

Glasgow.

Francis Spite & Co., Ltd., chemists, have opened a new branch at 109 Glasgow Road, Clydebank.

Neville & Raymond, Ltd., Watford, perfumery manufacturers, have appointed Richardson, Auld & Co., 95 Bath Street, as their Scottish agents.

The dance recently held in the Charing Cross Halls under the auspices of the Pharmacy Athletic Club was a great success. Messrs. J. Bell and A. Watt acted as M.C.s. Special tramcars were engaged to take the dancers home to their various districts.

Glasgow Chamber of Commerce recently considered a letter from the Industrial Training Department of the Ministry of Labour with regard to the employment of disabled men. "Wholesale chemists' and druggists' salesmen" was suggested as one of the trades for which the men might be trained. It was decided that the matter should be brought to the attention of the different trades mentioned.

The death is announced (see p. 77) of Major John Garraway, of R. & J. Garraway, manufacturing chemists, Duke Street. Major Garraway's work in connection with the Royal Infirmary will long be remembered. He presented to the University court the electric clock installed in the tower of the University buildings and the Sicilian marble font in Gorbals parish church is another evidence of his generosity.

A Forthcoming Dinner.

The Edinburgh Branch of the Scottish Pharmaceutical Federation, in conjunction with the Edinburgh Chemists' Golf Club, are holding a joint dinner in the Caledonian Station Hotel, Edinburgh, on December 1. There will be a representative gathering of chemists and others interested in federation and trade affairs. The Scottish Pharmaceutical Federation will be represented by Mr. J. Jack, Ph.C., F.L.S., J.P., Arbroath, the Pharmaceutical Society by Mr. J. Rutherford Hill, Ph.C., M.S.C.I., and the City of Edinburgh by its senior baillie, Baillie Wallace Dunlop, J.P. Mr. J. Miller Thomson, LL.B., W.S., who has given invaluable assistance as legal adviser to the Federation, will propose the toast of "The Federation and the Golf Club," and Lieut.-Colonel Turner Ewing, M.A., D.S.O. (Duncan, Flockhart & Co.), will reply to the toast of "The Imperial Forces." Mr. J. T. Coats, Ph.C., M.S.C.I., President of the Edinburgh branch of the Scottish Pharmaceutical Federation, will occupy the chair. Tickets (12s. 6d. each) may be obtained from the joint dinner secretary, Mr. G. Graham Davidson, 13 South Charlotte Street, Edinburgh.

The Profiteering Act.

Notes.

COST OF A DEFENCE.

DURING the hearing of a summons at Bow Street Police Court, London, on October 29, against Fuller, Ltd., for an alleged overcharge on a 1-lb. box of chocolates, it was stated by Messrs. Fuller's counsel that the case had cost them 1,100*l.*, and that they had paid a fee of 315*l.* for ascertaining the cost of this article.

Complaints.

BERMONDSEY.—At the sitting of the Profiteering Committee on November 3, Mr. H. P. Hogwood, chemist and druggist, 25 Plough Road, S.E., was the respondent in a case in which 8*d.* per oz. had been charged for liquorice juice. Mr. Reginald Beck (Neve, Beck & Kirby), instructed by the Chemists' Defence Association, Ltd., appeared for the respondent, and explained that the invoice could not be traced, but that a copy could be obtained, if desired, from Evans Sons Lescher & Webb, Ltd. The respondent did not admit profiteering, but was willing to meet the complainant in the matter, as he (respondent) noticed that the market was falling. After deliberation, the Committee dismissed the case, the chairman suggesting that the respondent might meet his customer to the extent of 1*d.* or 1½*d.* The complainant, however left without waiting for this suggestion to be carried out.

HACKNEY.—At the sitting of the Profiteering Committee on November 2, Mr. G. J. M. Lusher-Pentney, chemist and druggist, Queen's Road, E.8, was the respondent in a case in which ammoniated tincture of quinine had been charged at 10*d.* per oz. Mr. Kirby (Neve, Beck & Kirby), instructed by the Chemists' Defence Association, Ltd., appeared for the respondent. It was alleged by the complainant that elsewhere the price was 6*d.* or 7*d.* per oz. Mr. Kirby, addressing the Committee, mentioned that the London Chemists' Retail Price List was used by Mr. Pentney. The September list (produced) gave the price for ammoniated tincture of quinine as 10*d.* per oz. When the complainant made the purchase on October 6, the list for that month had not arrived. It showed that the price had been reduced to 8*d.*, and Mr. Pentney had lowered his charge accordingly. Owing to increased wages and the higher cost of bottles, string, paper, etc., the percentage of net profit was substantially less now than before the war. A member, alluding to the bill relating to the purchase at 6*d.* per oz., commented on the fact that it did not bear a date nor state the quantity. It was important, he said, that such particulars should be shown if the purchase was submitted to the Committee as evidence. Not being a chemist, he did not know if there was any difference in the quality of the article. After deliberation in private, the decision of the Committee was that 2*d.* be refunded to the purchaser.

Prosecution.

At North London Police Court, on October 29, the hearing of the summonses against Mr. L. G. Collins, manager of A. G. Collins & Brother, chemical manufacturers, Dumballs Road, Docks, Cardiff (C. & D., October 23, p. 50), was concluded. After Mr. G. Butler, sales manager to Brunner, Mond & Co., Ltd., had been recalled and questioned with regard to the export price of soda in the early months of the present year, Mr. Kingsbury, for the defence, said that the defendant thought that the soda was required for export. He was reasonably entitled to come to that conclusion. If a seller sold for export the Act did not apply. Competitive tenders were obtained by the defendant. The magistrate said he was against Mr. Kingsbury on both the points he had raised. The defendant, giving evidence, stated that his firm had been in business since 1909, and were manufacturers, packers, refiners, and factors. If Messrs. Manger had asked him for soda for the home trade he would not have sold to them. When quoting prices he had to consider the extreme unlikelihood of his being able to obtain all the soda he

had ordered from his sellers, and he had to face the possibility of going on the open market and buying at a higher price. When writing to the Complaints Tribunal, he stated that his firm was going out of business; and that was correct. They had sold the lease of the premises. When they sold the premises they did not charge anything for the goodwill. Mr. Travers Humphreys, cross-examining, suggested that there was no article in which the prices were cut finer than in soda crystals. The witness replied that he could not say definitely. Counsel: You have stated that this was a gamble?—I said so to the Tribunal, but I have seen fit to reconsider it. Mr. O. F. C. Bromfield, secretary to the British Chemical Trade Association, was also called to give evidence for the defence, and was asked if the ruling price in the home market was the same as the ruling price for export. He replied in the negative, pointing out that the home market was a matter for the manufacturers. Mr. Travers Humphreys stated that the present price of soda crystals for the home trade was 7*l.* a ton. Mr. Kingsbury said that there were twelve summonses against the defendant, but six had been put aside. It was hardly fair, however, that what was really a single order for 20 tons should be the subject of six separate summonses. The net profit on the transaction was only 41*l.* 7*s.* The magistrate said that the case was of very serious public importance. The defendant had given his evidence in a very fair way. Six of the summonses would be dismissed. He (the magistrate) could not but regard the matter as a serious case of profiteering. It had been argued that it was a sale for export, and therefore did not come under the Profiteering Act. He was, however, quite satisfied that the case did not come within the exemption allowed by the Act. The defendant did not make any inquiries as to the purpose for which the soda was being sold. The sale did not come within another exemption of the Act, as there was in no sense a competitive tender. He had also been asked to say that the percentage of profit did not exceed the percentage made on similar articles sold before the war. That contention was not in any way borne out by the evidence. In that direction the defendant was very frank and did not contend for a moment that he sold soda crystals for the home trade before the war at anything like the same rate of profit. To double the price paid was profiteering. Other people were profiteering, and that had led to an increase in the cost of living. On the first summons there would be a fine of 100*l.*, with 10*l.* 10*s.* costs, and on each of the other summonses a fine of 75*l.*, with 7*l.* 7*s.* costs. Mr. Kingsbury asked if leave to appeal was necessary, and the magistrate replied that the defence had that right, and he would grant time for the fines to be paid.

Festivities.

North London Pharmacists' Whist-drive.

THE North London Pharmaceutical Association held their monthly whist-drive on October 28 at the Progressive Pharmacy Club, Arundel Hotel, Arundel Street, Strand, London, W.C. There was a large attendance. The prize-winners were Mrs. Humphrey, Mrs. Terrett, Mr. Rawlins, and Mr. Swanstone.

C. J. Hewlett & Son's Social.

THE nineteenth social evening of the staff of C. J. Hewlett & Son, Ltd., was held on October 30 at the Talbot Hotel, London Wall, London, E.C. The chair was taken by Mr. E. J. Millard, F.C.S. (managing director), supported by Mr. Vivian C. Hewlett as vice-chairman. After the loyal toast, Mr. F. J. Gibbons proposed "The Firm." The chairman and vice-chairman both responded, and a telegram of good wishes from Mr. John C. Hewlett, F.C.S., was announced. Mr. C. F. Pitt, one of the company's representatives, proposed the toast of "The Ladies," to which Miss Fautley, forewoman in the packed goods department, replied. A successful social evening, almost entirely contributed by the members of the staff, terminated at 10.30 with the National Anthem and "Auld Lang Syne."

Legal Reports.

Lighting Order Case.—At the Victoria Courts, Birmingham, on November 2, Strachan & Co., chemists, 149 High Street, Aston, were summoned under the Lighting, Heating, and Power (Emergency) Order, 1920, for having used gas lights for advertisement purposes after the closing-hour on October 23. The case was defended by the Chemists' Defence Association, Ltd. It was explained, on behalf of Messrs. Strachan, that the lights in question were not an adjunct to advertising, but were essential to the carrying out of necessary work in the shop. The summons was withdrawn.

Sale of Chemist's Business.—In the King's Bench Division, Dublin, before Mr. Justice Samuels, on October 29, in the action of William James Henning, R.D., of Larne, co. Antrim v. William Harcourt McMullan, M.D., Ph.C., formerly of Larne and of Banbridge, co. Down, and now of the Ministry of Pensions Hospital, Moss-side, Maghull, Lancashire, Mr. Marian (instructed by Mr. John Graham), for the defendant, applied for an order for discovery of documents. The action was brought to recover damages laid at 1,000*l.* for fraudulent misrepresentation alleged to have been made by the defendant in respect of the sale to the plaintiff of the stock-in-trade and goodwill of defendant's business and business premises in Larne. The defence was a traverse of the alleged causes of action. Counsel moved on the affidavit of his client, who stated that the plaintiff had in his possession, custody, or procurement certain books in which were entries relating to the subject-matter of the action, and also letters and copies of letters, invoices, accounts, and other documents which were relevant to the issue to be tried, and of which he was advised that it would be necessary to have discovery. Counsel mentioned that the plaintiff had on the previous day obtained an order for discovery (*C. & D.*, October 23, p. 49). Mr. Justice Samuels granted the application.

Destruction of Books.—In the King's Bench Division, Dublin, on October 27, before Lord Chief Justice Molony and Mr. Justice Gibson, in the case of the King (Charles Key) v. E. Lupton, K.C., Divisional Justice, Mr. Lardner (instructed by Mr. James Brady) applied on behalf of Charles Key, secretary of Blake's Medical Stores, Ltd., Middle Abbey Street, Dublin, to make absolute a conditional order to quash an order made by Mr. Lupton in the Dublin Police Court, under the Obscene Publications Act, 1857, for the seizure and destruction of certain literature and advertisements (*C. & D.*, April 17, p. 50, and April 24, p. 74). The summons to the police court had been issued against Charles Blake, and the solicitor for the applicant in the present motion told the magistrate that there was no such person as Charles Blake, that the applicant was not the owner or occupier of the premises in Middle Abbey Street, that they were the property of Blake's Medical Stores, Ltd., who were the occupiers of the premises, and the owners of the literature. The Crown refused to take any amendment, and the magistrate made the order mentioned. Mr. Lipsett (instructed by the chief Crown solicitor) opposed the motion, and referred to an affidavit sworn by Inspector Crosbie, Dublin Metropolitan Police, stating that the applicant had told him that his name was Charles Blake. The Court refused the motion, with 6*l.* 6*s.* costs.

Advertisement Design.—Winox, Ltd., Myrtle House, Kew Road, Richmond, were the defendants in an action brought in the Chancery Division, before Mr. Justice Astbury, on November 1, by Messrs. Audley John Daniel Gunston, Herbert Myddleton Green, and Albert Henry Simpson, trading as Gunston, Green & Simpson, Farringdon Avenue, London, printers and designers, who alleged infringement by defendants of one of their advertising designs, a cardboard figure of a nurse holding a tray and bottle. Mr. Luxmoore, K.C., with Mr. W. F. Swords represented the plaintiffs, and Mr. Micklem, K.C., and Mr. W. E. Vernon the defendants, who denied any infringement of the design, of which they said their manager

was the author. Mr. Luxmoore, K.C., outlining plaintiffs' case, said they sought to restrain defendants from manufacturing or causing to be manufactured copies or imitations of a design belonging to plaintiffs and registered by them under the Patents and Designs Act, application for registration being made on the day the writ in that action was issued. Counsel handed to his lordship a copy of plaintiffs' design, which was a cardboard figure of a nurse holding a tray and bottle. Plaintiffs' intention was to sell the design with the copyright to any person who would use it. After negotiations with the defendants, the plaintiffs agreed to sell the copyright to Liebigs, but before they could do so they discovered that a similar design was being used by the defendants. The main defence was that Mr. Keen, defendants' manager, was the real author of the design; that there had been publication of it; and that there was no subject-matter in the design itself. Mr. Luxmoore, proceeding, said that early in October 1919 plaintiffs' traveller showed Mr. Keen the design, which originally bore the word "Winox" on it. Mr. Keen approved of the design, but suggested alterations as to the colour of the nurse's dress in order that the picture would correspond with that on defendants' showcards. The suggested alterations were made and an estimate submitted, but on January 21, 1920, defendants returned the design to the plaintiffs, who eventually printed on it the words "Liebig's Standard Wine," and obtained an order for 20,000 copies from the Premier Drug Co. At the beginning of April Mr. Green saw defendants' design in a shop at Chiswick, and plaintiffs immediately notified defendants that they were infringing plaintiffs' design. No answer to the letter was received, and the writ in that action was issued. Evidence bearing out counsel's statements was given. When the hearing was resumed, on November 2, Mr. Micklem said defendants' case was that Mr. Keen, their manager, was really the author of the design; that the proprietors of the design, who should have registered it, other than Mr. Keen, would be the Premier Drug Co., the owners of the copyright; that the design was published in the United Kingdom long prior to registration, which was clearly bad. The idea of the design was Mr. Keen's, and was the result of suggestions made by him to the plaintiffs' representative. Evidence for the defence was called, and the hearing was again adjourned. His lordship gave judgment on November 3. He said that nearly the whole of the defence, which consisted of a large number of pleas, had been given up by the defendants' counsel that morning, it having been ascertained that the evidence of the defendants' two witnesses, a Mr. Keen, their sales manager, and Mr. Davy, who was employed by a firm of lithographers, was entirely false. On October 19 plaintiffs' representative called on Mr. Keen to obtain an order for advertisement cards, and he consented to consider an original design to be submitted by the plaintiffs. Plaintiffs produced the present design—a cut-out which surrounded the neck and top of a bottle and represented a nurse holding a tray of wine. They swore, and he saw no reason to doubt their evidence, that this design was new and original, created by them to attract defendants' business. Mr. Keen swore that he suggested the exact design that he required to the plaintiffs' representative, and that the design was made and altered from time to time in accordance with his instructions. In the defence Mr. Keen was alleged to be the author and inventor of the design. That evidence, in his Lordship's judgment, was false from start to finish. He accepted the plaintiffs' evidence and found that that of Mr. Keen and of his supporter, Mr. Davy, as it was relevant to the authorship of the design, had no foundation in fact. Mr. Davy had admitted in the witness box that day that he intentionally gave false evidence the previous day, because he thought it would assist Mr. Keen and his case. The design when completed was submitted in confidence to Mr. Keen, and negotiations proceeded with a view to his ordering a large quantity of these articles. Mr. Keen then, in gross breach of faith, went to Mr. Davy, a representative of Chromo Works, Ltd., and arranged through him to have the plaintiffs' design copied, with certain trifling alterations

to it, so that they could say it was not an exact copy or infringement. Certain of these designs were produced by Chromo Works, Ltd., for the defendants, and plaintiffs saw one of them in a shop. At this time the design had not been registered, and the first writ was issued asking for relief on the ground of breach of faith, and on May 20, after the registration, the second writ was issued. Through their representative plaintiffs submitted the design to the Premier Drug Co., Ltd., who dealt with Liebig's productions. They gave an order for 20,000 copies and were to own the copyright. Plaintiffs expressed their willingness to accept the order, but before there were any deliveries defendants' conduct was discovered and communicated to the Drug Co. It was not now contended by defendants that plaintiffs were not the authors of the design, but it was alleged that the registration was bad through prior publication of it to the Drug Co. He held that the negotiations with the Drug Co. were subject to registration being taken out. It would be especially hard on the plaintiffs, after the gross deliberate attempt made by defendants to steal their design, that any other result should have been arrived at in that case. The result would be that there would be an injunction to restrain the defendants from infringing the plaintiffs' design, and an order for delivery up of all copies in their possession of the infringing design, and the defendants must pay the costs of the action. If defendants had been entitled to succeed on the one point of publication he would have ordered plaintiffs to pay the defendants' costs on that one issue alone, and directed the rest of the costs to be paid by the defendants.

Possession of a Flat—Mr. Frank Fowler, chemist and druggist, at present in the employ of Messrs. Shaw, chemists, John Street, Piccadilly, London, W., applied to Mr. Justice McCardie, in the King's Bench Division, on October 28, for a declaration that he was entitled to possession of and access to a flat above the chemists' shop, 35 Hampstead Road, and for an injunction to restrain defendant, Mr. Mandel, from preventing him using the flat and for damages for the loss he had been put to in consequence. The defence was that plaintiff was not a tenant of defendant at all, and that there was a verbal agreement when defendant took possession of the shop that the plaintiff should give vacant possession of the flat above the shop. Plaintiff gave evidence that in 1912 he was in the employ of Mr. Rowse, who was then owner of the shop, 35 Hampstead Road. He lived in the flat above the shop from 1914 till June 1919. In the latter month Mr. Rowse assigned his lease and sold his business to the present defendant, Mr. Mandel. Plaintiff contended that thereafter he became tenant of the new landlord, Mr. Mandel. It was a weekly tenancy of 12s. a week, there being no written agreement. The only way of access to the flat was through the shop. Mr. Mandel was not himself a qualified chemist, and for a couple of weeks he employed plaintiff to assist him in the business. There were some negotiations between them for the sale by defendant to plaintiff of the shop, but they fell through and plaintiff was discharged from Mr. Mandel's employment. Shortly after discharging plaintiff defendant put a new lock upon his shop and prevented plaintiff getting access to the flat. Plaintiff said he had in consequence to live for a time at the Gower Hotel, and this cost him 18s. more per week than in his flat. Mr. Albert Isaac Mandel, the defendant, said he purchased the premises, 35 Hampstead Road, from Mr. Rowse, with goodwill, stock, and trade. In conversation plaintiff said he had nothing against him buying the shop, and that if he (defendant) did buy it he (plaintiff) was willing to give up possession in seven days. Plaintiff also agreed, if defendant bought the premises, to become manager at 4l. 10s. a week. Defendant told plaintiff distinctly that if he bought the premises he should require them for his own use. Eventually witness bought the business for 400l. When plaintiff was reminded of his promise to vacate the rooms he asked for another few days, which were allowed. Later, defendant refused the rent proffered by plaintiff, saying plaintiff was not his tenant. His lordship, in his judgment, said his view was that plaintiff did not occupy the rooms by virtue

of his service with Mr. Rowse, but as an ordinary tenant of Mr. Rowse at a weekly rent of 12s. That being so, Mr. Mandel became the assignor of the reversion and could only terminate plaintiff's tenancy by giving notice to quit. He did not give that notice, but even if he had plaintiff would still have been entitled to the rights given him by the Rent Restriction Acts. Even if plaintiff did promise to give up possession that did not deprive him of his protection under the Rent Restriction Acts. There was, said his lordship, no definite and unmistakable agreement to give up possession of the rooms. But, said his lordship, he should not grant an injunction, because he had no doubt it was understood that plaintiff would go out, but he did not see how he could avoid granting damages, reluctant as he was to grant them. Judgment was entered for plaintiff for 30l. damages, on the understanding that plaintiff took his furniture and remained out of the premises.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

QUALITATIVE ANALYSIS.

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopoeia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a *stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, November 9, on which day the samples will be posted. Students' reports will be received up to Saturday, November 20. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the opening exercise in

THE ANALYTICAL TOURNAMENT

for the current winter session. Students may forward six stamped addressed envelopes (marked on the top "Corner for Students"), to be utilised month by month for the "salts." We offer special certificates and prizes for the best series of reports submitted on the exercises to be set from November 1920 to April 1921 inclusive. The awards will be made to the students who obtain the highest aggregates of marks for their reports upon the whole six exercises, and will comprise:

First Prize.—Certificate of honour and books to the value of three guineas.

Second Prize.—Certificate of honour and books to the value of one and a half guinea.

Third Prize.—Certificate of honour and books to the value of 15s.

The competition is open to all pharmacy students who have not passed the Major examination in Great Britain or the Licence examination in Ireland. Former tournament prize-winners are disqualified from taking a tournament prize, unless it be a superior one to that previously gained. Besides the tournament prizes, the usual monthly awards will be made to junior students, viz.:

First Prize.—Books to the value of 15s. or thereabouts.

Second Prize.—Books to the value of 7s. 6d. or thereabouts.

These monthly prizes will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports*. Students who adopt a *nom de plume* must adhere to it throughout the tournament.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

CABE DUCKWORTH, LTD. (P.C.).—Capital, 20,000*l.* Objects: To carry on the business of wholesale and retail drysalters, druggists, grocers, etc. R.O.: The Cloth Hall, Walton Street, Colne.

H. E. GRAHAM, LTD. (P.C.).—Capital, 500*l.* Objects: To carry on the business of pharmacy and drug-store proprietors, chemists, druggists, drysalters, etc. The first directors are H. E. Graham and Mrs. S. Graham, 197 Bridgman Street, Bolton. R.O.: 197 Bridgman Street, Bolton.

EPOK, LTD. (P.C.).—Capital, 5,000*l.*, in 1*l.* shares. Objects: To adopt an agreement with T. A. Fall, and to carry on the business of chemists, druggists, drysalters, oil and colour men, etc. Solicitors: G. W. Pritchard, 2, 3 and 4 Billiter Avenue, London, E.C.

ANILINE STORAGE CO., LTD. (P.C.).—Capital, 10,000*l.* Objects: To carry on the business indicated by the title, and that of wharfingers, warehousemen, proprietors of docks, wharves, warehouses, jetties, piers, and stores, ship owners and builders, etc., and to adopt an agreement with Fairclough, Dodd & Jones, Ltd. R.O.: 46 St. Mary Axe, London, E.C.

RAINES & CO. (EALING), LTD. (P.C.).—Capital, 8,250*l.* Objects: To carry on the business of photographers, photographic printers and mounters, frame makers and finishers, makers and printers of photographic negatives and enlargements, manufacturers of and dealers in photographic appliances, chemicals, and materials of all kinds, etc. R.O.: The Studios, St. Mary's Road, Ealing, London, W.

TURNERS (PRESTON), LTD. (P.C.).—Capital, 1,500*l.* Objects: To adopt an agreement with J. B. Turner, F. Kay, and A. M. Parkinson, and to carry on the business of chemical manufacturers, soap boilers, manufacturers of and dealers in soap and proprietary articles of all kinds, manufacturers and refiners of glycerin, oil merchants, etc. R.O.: Back No. 6 Tulketh Brow, Ashton-on-Ribble, Preston.

PURE REMEDIES, LTD. (P.C.).—Capital, 2,000*l.* Objects: To take over four secret remedies belonging to B. Ellis; and to carry on the business of pharmaceutical, analytical, manufacturing, or consulting chemists, druggists, oil and colour men, etc. The first directors are: B. Ellis, 288 Ecclesall Road, Sheffield; J. S. Longbotham, 28 Riverdale Road, Sheffield. R.O.: 14 Broadfield Road, Heeley, Sheffield.

BRISTOL INDUSTRIES, LTD.—Capital, 250,000*l.* Objects: To take over the businesses carried on at Bristol as the Avon Cold Storage and Ice Co., Ltd.; the Bristol Foundry Co., Ltd.; H. W. Carter & Co., Ltd.; Brooke & Prudencio, Ltd.; and the Bristol Haulage Co., Ltd.; and to carry on the business of general manufacturers and merchants and contractors, manufacturers of and dealers in syrups, fruit crystals, ice, mineral and aerated waters, manufacturing chemists, etc. R.O.: 8 Mitchell Lane, Victoria Street, Bristol.

R. LANE-HALL & CO., LTD.—In the Companies Winding-up Court, on November 2, Mr. Justice P. O. Lawrence had before him a petition by the Drug and Chemical Corporation, Ltd., for the compulsory liquidation of R. Lane-Hall & Co., Ltd. Mr. Hart, for the petitioners, stated that the respondent company had given them notice of a resolution for voluntary winding-up. Mr. Bischoff, for the company, said that the matter must stand over for a week to enable him to answer evidence which he had not yet received. There was no allegation of prejudice. Mr. Hart said that the only extra affidavit was one referring to the voluntary winding-up resolution and to the fact that an execution had been put in. He was going to ask for a compulsory order, notwithstanding the resolution. He alleged prejudice. His Lordship: Or in the alternative for a supervision order? Mr. Hart: Yes. His Lordship: Then your petition must be readvertised, and it will stand over for a fortnight.

Brewers' Exhibition.

A VISIT to the Brewers' Exhibition, which opened at the Royal Agricultural Hall, London, N., on October 30, and remains open until November 5, impresses one with the importance of the brewing industry to other producers—especially the chemical and engineering trades. Thousands of tons of machinery is exhibited on the ground floor in the main hall. Most of the labour-saving devices (filling, labelling, and bottle-washing, etc.), which form such a prominent feature of the exhibition, are to be seen performing functions which until recent years were done by hand labour. Exhibits of drugs are mostly confined to saccharin, flavouring essences, and preservatives. Numerous competitions are being held, Mr. W. T. W. Iddis being one of the judges of the beverages. One stand in the gallery is devoted to cigarettes and tobaccos manufactured under Colonel Cameron's scheme for the employment of ex-Service men. The profits from the sale of these cigarettes and tobaccos is handed over to the "Comrades of the War" Fund. The following are among the exhibits of interest to the drug-trade:

BOOTS PURE DRUG CO., LTD., who claim to be the largest makers of saccharin in the United Kingdom, illustrate the process of manufacture from a piece of coal to the final reaction. Samples of saccharin tablets are also on show.

COLEMAN & CO., LTD., are showing only Wincarnis, but it is displayed in such a manner as to be distinguishable from a considerable distance.

D. ELSON & CO., LTD., have a stand in the gallery which is covered with glassware. Being the brewers' exhibition and not the chemists', medicine-bottles were not much in evidence, but at Messrs. Elson's stand both poison and essence bottles were well to the fore.

J. W. FLOWER & CO. have an interesting exhibit of labour-saving machinery, consisting of labelling, bottling, and corking machines, etc. It is explained that the "Eclipse" bottling and corking machine has a capacity of 170 dozen an hour.

THE GRAESSER-MONSANTO CHEMICAL WORKS, LTD., are exhibiting saccharin, salicylic acid, and sodium salicylate; the appearance of the samples affords corroboration of the claim that they are of premier quality.

MR. WILLIAM GRIFFIN has on his stand a sample of practically every type of brush on the market. Some excellent shaving-brushes, ebony-backed hair-brushes, and extra-hard tooth-brushes are the lines of most interest to chemists.

The stand of **IDRIS & CO., LTD.**, is in charge of Mr. A. J. Ward (outside manager). The display comprises a full range of the firm's wines, fruit-syrups, etc. Samples of the latter are forwarded to anyone in business who is interested. The sparkling quinine tonic-water is, we understand, very popular at the present time.

LICHTENSTEIN & CO., LTD., have a reception-room in the main hall, where samples of their sacchar, ustum, all grades of which are warranted pure, may be inspected.

PAINE & CO., LTD., who are the proprietors of "John Bull" malt extract, have a reception-room adorned with samples of their preparations. The company are proud of the growth of their trade in the "John Bull" extract.

RENNY, FORBES & CO., LTD., specialise in fertilisers. The company undertake analyses of soils, and prepare the fertiliser according to the nature of the soil. It may be mentioned that three first prizes have, at the present exhibition, been awarded to hops grown on land treated by their fertilisers.

THE UNITED ALKALI CO., LTD., is one of the few manufacturing companies showing heavy chemicals. The exhibit includes samples of the various soda and potash salts, chloride of lime, and sulphuric acid, all of which are manufactured by the company.

UNITED GLASS BOTTLE MANUFACTURERS, LTD., have an attractive stand, on which they display bottles in a manner compelling attention.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council was held on November 3 at 16 Bloomsbury Square, London, W.C. All the members were present, with the exception of Mr. J. Rymer Young, and Mr. E. T. Neathercoat, the President, occupied the chair. The minutes of the meeting held on October 6 were read and confirmed at a private meeting of the Council held on the previous evening. At the outset of the proceedings the PRESIDENT intimated that no questions had been submitted.

ELECTIONS AND RESTORATIONS.

Thirty persons were elected members and forty student-associates of the Society. Six were restored to the Register and one to the Society. The registrar reported that since the previous meeting, 160 had been registered as apprentices or students.

NEW BY-LAWS.

On the motion of the PRESIDENT, seconded by Mr. HAGON, the proposed new by-laws, read a first time on August 4 and confirmed on October 5, were finally approved and confirmed. It was further decided, on the proposition of the PRESIDENT, seconded by the VICE-PRESIDENT (Mr. Sargent), that the corporate seal of the Society be affixed to these amended by-laws when adopted by the special general meeting of the members convened for the same afternoon.

EXAMINERS FOR SCOTLAND.

On the proposition of Mr. GIFFORD, seconded by Mr. GUTHRIE, it was agreed, on the recommendation of the Executive of the North British Branch, to appoint the persons nominated to serve on the Board of Examiners for Scotland for the ensuing year.

DIVISIONAL SECRETARIES IN SCOTLAND.

It was proposed by Mr. GUTHRIE, and seconded by Mr. GIFFORD, that the Divisional Secretaries in Scotland be appointed for the ensuing year in accordance with the list submitted by the North British Branch. This was agreed to.

THE TEST CASE.

The PRESIDENT: With reference to No. 11 on the agenda, the Council last night appointed a Sub-Committee to consider the judgment in the case of *Jenkin v. The Pharmaceutical Society*, and it is proposed to call a joint meeting of the Council and the Local Associations Executive Committee on November 17, at which joint conference the Sub-Committee will report as to their findings in this matter.

This was agreed to. It was afterwards intimated to the Press that the following had been appointed the Sub-Committee to consider the test-case decision: The President, Vice-President, Messrs. Deakin, Bilson, Skinner, Wolff, White, Jack, and, failing Mr. Jack, Mr. Currie. The following are their terms of reference:

1. To consider what part of the Society's present work the injunction in the case of *Jenkin v. The Pharmaceutical Society* will prevent them continuing.
2. To consider what other work at present carried on by the Society which the injunction does not affect, and which they are legally entitled to do, it would be expedient to discontinue if a national body takes up the functions of a trade organisation.
3. In the event of the Committee deciding that any of the work now undertaken by the Society and coming within its functions as laid down by the decision of the Court should as a matter of policy be transferred to a new body, to consider what conditions the new body should comply with to justify such transference.

CORRESPONDENCE.

The secretary intimated receipt of a letter dated October 15 from the Joint Board on Scientific Studies in which it was stated that proposals had been submitted by the representatives of the Royal Astronomical Society to

the effect that it was of the utmost importance that the advance of science should not be hindered at the present time by the curtailment of printing which might be rendered necessary by the fact that the funds at the disposal of societies interested are quite inadequate to meet present costs, and that the Joint Board should approach the Government on the subject of grants in aid of scientific studies to meet the heavy extra expenses thrown upon societies by the war. The Joint Board had passed a resolution that the proposals should be referred to its Executive Committee with the view to instituting an inquiry into possible economies that may be effected in the publication of papers by scientific societies, and that the Executive Committee inquire into the additional sums required by the different societies for publications. In considering what action should be taken on that resolution, the Executive Committee felt that it was necessary to know accurately the wishes of the joint societies as to the advisability of applying to the Government for assistance. It was clear that such societies as were in a strong financial position could not ask for an appeal to be made on their behalf. In the event of a majority of the societies approaching the Government it would be necessary to make out a very strong case not only to demonstrate the loss inflicted upon science, but upon the nation, by the restriction of the publication of printed matter bearing on science. With the communication, the secretary added, he had received a schedule of questions. The first and second of these were the most salient: (1) Was the Society in favour of an application being made by the Board to the Government for financial assistance to aid certain joint societies? and (2) If such an appeal were to be made, would the Society wish to enter a claim to be considered by the Government? The secretary pointed out that the first question for the Council to answer was, "Are you prepared to support the Joint Board in asking that the Government should assist some scientific societies?" and the second was, "If an appeal is made, do we, as a Society, ask the Government to give such assistance?"

The VICE-PRESIDENT proposed that the answer to the first question be in the affirmative, and to the second in the negative. This was agreed to, the PRESIDENT explaining that in view of these replies it would be unnecessary to send answers to the other questions in the schedule.

A letter, dated September 21, from the Health Department, Municipal Buildings, Baghdad, and signed "T. B. Heggs, M.D., D.P.H., Medical Officer of Health, Baghdad," was read by the secretary. It asked for a copy of the Calendar of the Society. A second letter of the same date and from the same source read: "For your information, as I am sure you will be interested to receive the enclosed papers relating to the formation of the Pharmaceutical Society of Baghdad. We are not a colony or a dependency; but by virtue of the British mandate would it not be possible for us to become affiliated or attached in some way to your Society as our parent or advisory body? We shall be glad of a copy of ethical or other rules for our guidance with which you may be able to help us."

The PRESIDENT thought the Council would agree that the letter from Baghdad was quite an interesting document. It was accompanied, he said, by a report of a meeting of pharmacists held at Baghdad in September, at which it was decided to form a Society for Baghdad. Enclosed with the letter were also the agenda of the first meeting and a list of the officers of the newly formed body. From these it appeared that the pharmacists of Baghdad propose to form a reference library, and also to discuss the sale of drugs by unqualified persons. While, of course, it was not possible for the Pharmaceutical Society of Great Britain, according to its by-laws, to affiliate such a body—at this stage, at any rate—the President expressed confidence that it was the wish of the Council to render every assistance in their power to the pharmacists of Baghdad in the effort they were making to form a Society there. (Applause.) The Council also joined in the hope that the effort would meet with every success. (Applause.) He suggested that a letter embodying these sentiments should be forwarded to Dr. Heggs.

Mr. KEITH: How many chemists are there in Baghdad?

The PRESIDENT: It does not say how many there are. It says all the pharmacists were there.

The SECRETARY: The pharmacist there may be different from what he is here as regards qualifications.

Mr. CURRIE: We can get a good deal of information on these points from Mr. Woolcock.

The suggestion of the President was unanimously agreed to.

A letter, dated October 29, from the secretary of the North British Branch, relative to the standard scales of rates for the conveyance of parcels by passenger trains on and after September, was read. It was stated that at a meeting of the North British Executive, held on October 27, a communication was submitted from Mr. R. W. Garrow, divisional secretary, Keith, drawing attention to the heavy charges on parcels containing medicines under the scale intimated as beginning on September 1. Mr. Currie suggested having something done to represent to the Committee now considering railway charges the hardship involved in exacting those high rates. The minimum charge for sending a small bottle of medicine, adequately packed, to even the nearest station, was 1s. 5d. at the company's risk, or 1s. 2d. at the owner's risk. Medicines in bottles were charged at owner's risk 25 per cent. extra, or at the company's risk 50 per cent. extra, in addition to the ordinary charge. Mr. Garrow suggested that at least the extra charge of 25 per cent. in the case of parcels containing medicines should be remitted. The Executive concurred in the view expressed by Mr. Garrow, and it was agreed to forward the suggestion to the Council, so that, if possible, some action might be taken on the lines indicated.

The SECRETARY reminded the Council that at present a Government official was going into the whole question of the future scale of rates, but added that he did not think that inquiry had reached a stage when details such as those referred to in the letter could be considered. He suggested that the communication should be referred to the Local Associations Executive. Possibly it might be more appropriately referred to the Scottish Federation in so far as the matter involved was purely Scottish in character.

Mr. ROWSELL expressed wonder that the letter had not, in the first instance, been sent to the Federation in Scotland.

Mr. GUTHRIE remarked that he did not know exactly which was the Scottish Federation and which was the Executive of the North British Branch. (Laughter.) In any case, he thought it was quite right that the letter should come before the Council of the Society. He hoped the Council would exercise some influence.

The PRESIDENT suggested that the letter be referred to the Local Associations Executive.

Mr. GUTHRIE: We do not know quite where we are in the meantime. That is the body that ought to help.

The SECRETARY mentioned that there was a second letter from the Executive of the North British Branch enclosing a memorandum in regard to the Proprietary Medicines Bill, and containing various suggestions relative to it.

The PRESIDENT thought the Council did not wish to have this read at that stage, but would prefer to have it referred to those who were dealing with the Bill.

Mr. GUTHRIE stated that although the measure, as framed, would not apply to Scotland, the North British Executive were very anxious about it. That was the only time when they could have their voices heard, and they were very anxious to have either the Bill so rearranged as to be entirely agreeable to the pharmacist community, or, otherwise, to have it put back for another session until they could see what could be done to make it more acceptable than it now is.

Mr. ROWSELL asked whether the suggestions put forward in the letter from the North British Executive compared in any material respect with those which the Council themselves had submitted, because if they did he thought they also should be sent to the L.A.E. for consideration in dealing with the Bill.

The PRESIDENT replied that, as a matter of fact, the letter only arrived the previous day, and he had not had the opportunity of reading it closely.

The SECRETARY also intimated receipt of a letter from the North British Executive, and dated October 30, relating to the Dangerous Drugs Bill, with a memorandum. He mentioned that the suggestions embodied in the document would be dealt with when the Government sent them the draft regulations.

No action by reference or otherwise was taken relative to either of the communications from the North British Branch.

FINANCE COMMITTEE.

The monthly financial statement is summarised as follows: Receipts under the General Fund since the last meeting, including a balance of 1,420l. 12s. 9d. brought forward, amounted to 12,563l. 16s. 10d., comprising the following items: Ground rent, 96l. 5s.; penalties and costs, 70l. 9s. 10d.; "Journal" and publications, 1,094l. 19s. 10d.; registration-fees, 426l. 6s.; subscriptions, 515l. 11s.; examination-fees, 863l. 3s.; deposits, 6,000l.; interest on deposit, 73l. 13s. 11d.; school fees, 2,002l. 15s. 6d. From this amount was deducted payments ordered at last meeting amounting to 9,783l. 5s. 6d., leaving a balance of 2,780l. 11s. 4d. The other balances were: Benevolent Fund (current account), 349l. 3s. 4d.; Benevolent Fund (donation account), 670l. 4s. 3d.; War Auxiliary Benevolent Fund, 1,035l. 8s. 3d.; Orphan Fund, 281l. 14s. 1d. The report recommended that accounts amounting to 5,098l. 8s. should be paid, and that the action of the secretary in making payments on account of current expenses amounting to 733l. 16s. 5d. be approved. Estimates for re-covering the Council-room table had been obtained, and it was recommended that the estimate of 15l. 10s. for re-covering the table with green pegamoid be accepted. On the motion of the treasurer (Mr. BILSON), seconded by Mr. KEALL, the report was adopted.

LOCAL ASSOCIATIONS EXECUTIVE COMMITTEE.

The report of this Committee stated that the question of the inadequacy of the allowances made to members of the Local Associations Executive Committee when attending meetings of the Committee had been considered, and it was recommended that first-class fare and 1l. 1s. per day or part of a day for attendance at meetings be paid. A letter from the Federation of Medical and Allied Societies was brought before the Committee, in which the Society's opinion was asked upon the provisions in the Ministry of Health's (Miscellaneous Provisions) Bill allowing the export of clinical thermometers which had not been certified by the Kew Laboratory. The Committee recommended the Council to inform the Federation mentioned that they consider opposition to the clause to be against the interests of British exporters of clinical thermometers, and a matter in which the Council did not desire to take any action. The Committee received the remit from the Council that the question of unemployment in pharmacy should be considered in the light of the conditions at present prevailing, and recommended "That the consideration of this subject be deferred until the policy of the Council was known upon the position arising out of the decision in the test case." With reference to the request from the Benevolent Fund Committee that the L.A.E. be asked to promote the establishment in each Federation area of a Benevolent Fund propaganda organisation as a part of the Federation's work, with a view to systematising local interest in the Fund, and adding to its financial efficiency, it was recommended that the secretary be directed to issue a circular asking for the co-operation of the Federations and submitting suggestions for carrying out the objects mentioned. A letter was received from the Chemists' Defence Association suggesting joint action regarding amendments to the Proprietary Medicines Bill, and it was recommended that the secretary be instructed to write informing the C.D.A. of the step taken by the Society, and arranging for any further joint action that might be necessary. With reference to National Health Insurance Terms, "the Committee decided to submit

proposals for 1921 to the chemists involving an increase in remuneration of 20 to 25 per cent., the abolition of non-extemporaneous and stock mixture fees, and the elimination of decimals from the dispensing-fees."

The TREASURER made an appeal to the chairman of the L.A.E. (Mr. Deakin) to withdraw the first recommendation contained in the report (that relating to the allowances proposed to be made to members of the Local Associations when attending meetings of the Committee) in view of the judgment in the test case and the probability of the L.A.E. being differently constituted or becoming an organisation separate altogether from the Society. He suggested that the recommendation be referred back to the Committee.

Mr. DEAKIN agreed to the suggestion.

Mr. WOLFF asked if the recommendation concerning the Proprietary Medicines Bill was affected by the recent decision. Might not the Society, he inquired, decide that the question was entirely within their own purview, or might not another body deal with it?

The SECRETARY replied that at the moment the resolution was restricted to organisations inside the Society. If anything were done outside then they would have to deal with it, but at the moment, obviously, no one was handling the thing except the Society's organisations.

Mr. DEAKIN added that the whole matter was still *sub judice* and that the Committee could make no recommendation.

Mr. HINES, referring to the Insurance terms, asked if the Committee were to make no recommendations, in view of what happened last year.

Mr. DEAKIN replied that the whole question was under consideration, and that the terms would be before the country within the next few days.

Mr. WOLFF remarked that it had been understood each year that the Council were to consider what terms they were to put forward. They were now within eight weeks of the end of the year, and they knew nothing of the terms, although they were told that the whole country would know about them in three days' time. It was not fair to the Council that they should not have particulars as to the terms.

Mr. SKINNER asked if it came within the purview of the Committee to deal with the question of getting better terms. The question was purely a commercial one.

At the request of Mr. Deakin the Council then sat *in camera* and discussed the points raised. Subsequently the report of the Committee was adopted.

BENEVOLENT FUND.

The report of the Benevolent Fund Committee submitted by Miss Buchanan stated that four applications for assistance had been considered and that in each instance a grant of 20% had been made. In reviewing the circumstances of the annuitants, the Committee decided that for this year a supplementary grant of 10% should be made in two cases. The report was adopted.

WAR AUXILIARY BENEVOLENT FUND.

The report of the War Auxiliary Benevolent Fund Committee recommended grants in various cases, including one of 30% to the widow of a registered chemist and druggist and mother of two sons killed in the war. The report was adopted.

APPOINTMENT OF EXAMINERS.

The report of the Library Committee stated that the question of the appointment of examiners for the ensuing year had been considered, and that it was recommended that the following be appointed:

Allen, Charles T., London	Hampshire, Charles H., London
Barlow, Thos. O., Southsea	Harvey - Gibson, R. J., Liverpool
Browne, William, London	Hocking, Francis A., London
Corfield, Charles E., London	Humphrey, John T., London
Evans, John, Sheffield	Jennings, John A., London
Farr, Edward H., Uckfield	Jinks, John C., Nottingham
Fritsch, Felix E., London	Kirkaldy, Patrick H., London
Furnival, Stephen, Sheffield	Kluge, Herman J., London
Gamble, Frederick W., London	
Gulliver, Walter F., London	
Haas, Paul, London	
Hamerton, James, London	

Le Sueur, Henry R., London
Peck, E. Saville, Cambridge
Peck, J. Wicliffe, London
Preston, Ernest, Sheffield
Purvis, John E., Cambridge
Salisbury, Edward J., London
Shepheard, William F. J., Chester

Smith, Henry L., London
Taylor, Archibald L., Bristol
Tickle, Thomas, Exeter
Warner, Charles H., Nottingham
Wright, Robert, Buxton
Young, Arthur E., Leicester

The report contained other recommendations, which were dealt with by the Council sitting in private. The appointment of the Examiners was agreed to.

MINISTRY OF HEALTH COMMITTEE.

The report of this Committee stated that at its meeting on October 20 Mr. Rowsell was appointed chairman. The secretary reported the receipt of a letter from the Federation of Medical and Allied Societies inviting the Society to co-operate in arranging for a joint deputation to wait upon the Minister of Health at an early date in order to ask him to withhold his approval from schemes proposed for the municipal control of hospitals until the medical and allied professions have had an opportunity of expressing their opinion on the principles involved in those schemes. The letter also conveyed an invitation to the Society to appoint delegates to attend a Conference to be held on November 5.

Mr. ROWSELL remarked that the Ministry of Health Committee would be glad if the London representatives on the Council could attend the Conference referred to. He suggested that the Council should ask Mr. Melhuish and Mr. Keith to do so.

The report was then adopted without discussion, and Mr. Rowsell's suggestion that the gentlemen named be requested to attend the Conference was agreed to.

This was all the public business.

Special General Meeting.

THE responsible leaders of the Pharmaceutical Society will, no doubt, draw their own conclusions from the surprising proportion of young members present at the special general meeting held at 16 Bloomsbury Square on November 3. The proceedings were unusually interesting. No sooner had the proposed by-laws been moved and seconded than two young pharmacists in succession rose to protest, in neatly turned sentences, against the suggested increase in the subscription. Without raising their voices, they conveyed the impression that they meant business. "These rather nebulous benefits" was the happy phrase in which one of them referred to the return that non-proprietor pharmacists may expect for their outlay; and both these speeches were significantly applauded. Mr. S. F. Body, rising a little later, acutely pointed out that the Council drew up these by-laws before the test case was heard, and mordantly suggested that in future the Society's functions would consist largely of examination and registration. Mr. I. T. Lloyd followed with the hint that there would not be such high expenses now, and Mr. Yates roundly asserted that 50 or 60 per cent. of the Society's members seldom opened "The Pharmaceutical Journal." The last-named speaker put his views into shape as an amendment, and eventually five members in a gathering of about sixty voted for it. The test case found its way into nearly every speech; but the President, although temptingly led to that water, firmly declined to drink. In addition to the President (in the chair), there were present the Vice-President and the following members of the Council: Mr. F. E. Bilson (treasurer), Mr. W. L. Currie, Mr. J. W. Deakin, Mr. T. Guthrie, Mr. A. Hagon, Mr. F. G. Hines, Mr. J. Keall, Mr. A. R. Melhuish, Mr. L. M. Parry, Mr. P. F. Rowsell, Mr. H. Skinner, Mr. E. White, Mr. H. Wolff, together with Sir William Glyn-Jones (secretary of the Society) and Mr. J. P. Gilmour (editor of "The Pharmaceutical Journal"). In addition to those whose names appear

in the report which follows, we noticed among the audience Mr. J. H. Cuff, Mr. A. H. Jenkin, and Mr. W. M. Tims.

THE RESOLUTION.

A special general meeting was held on the afternoon of November 3 in the Examination Room, 16 Bloomsbury Square, W.C., "to consider and, if thought fit, to confirm and approve" the new by-laws read a third time at the meeting of the Council the same day. The President (Mr. E. T. Neathercoat) occupied the chair, and was accompanied on the platform by the Vice-President (Mr. F. P. Sargeant) and the secretary (Sir William Glyn-Jones).

The secretary read the notice convening the meeting and also the old by-laws and the proposed new ones.

The PRESIDENT then moved: "That the new by-laws read a first time at the Council-meeting on August 3 and confirmed on October 5 and November 3, 1920, be now approved and confirmed."

He explained that by the first of these, the annual subscription of members would be increased from a guinea to a guinea-and-a-half. The second provided that the composition payable by life members would be increased from ten to twenty-five guineas. The third, in effect, simply carried out alterations in connection with the examinations which the Council thought would be of service to intending candidates for examinations. The alterations of Sections IX. and XV. effected by the other new by-laws, on the other hand, were necessary from the point of view of administrative effectiveness, and did not involve any vital changes. He thought that probably the reasons for the proposed increases in the two forms of subscription were self-evident and self-explanatory. The Council were forced to appear before that meeting with the suggested increases entirely from the point of view of economic necessity. Everyone who had anything to do with administrative bodies, particularly with such a one as their own, knew that it was practically impossible to-day to carry on work as efficiently or even to the same extent as formerly with the same revenue as they had in pre-war days. The Council were therefore forced to seek the necessary powers to increase the subscriptions; it was, as he had remarked, an economic necessity. The purchasing value of the sovereign to-day was, he believed, somewhere about 8s.; so that he thought it was quite self-evident that it was impossible for the original membership fee of one guinea to be all-sufficing for the Society's financial needs. The Council had really some difficulty in deciding whether the increase of 50 per cent. in the ordinary membership subscription would be sufficient to cover their ordinary financial requirements for the carrying on of the Society's work. They did feel that they were justified, although they did not think it was expedient at the moment, in asking for a larger amount than the 50 per cent. increase; and after careful deliberation they had come to the conclusion that that was the absolute minimum which they could ask in order to carry on their work efficiently under present-day conditions. Special costs, such as printing, had enormously increased. Those involved in publishing the "Journal" had advanced in a proportion far greater than the actual increase in the subscription would cover. The cost of publishing, and the outlay on postage in sending it out to 10,000 members—as everyone must know who bought papers—amounted to something far beyond the 50 per cent. increase. Everyone in business knew that it was impossible to carry on under the old system of finance. In view of this fact, he thought it was not necessary for him to say anything more at that stage, further than to assure the members that the Council would not have appeared before them with the suggested amendments of the by-laws except from the point of view of economic necessity. He formally moved the approval and confirmation of the new by-laws. (These were given in THE CHEMIST AND DRUGGIST, August 7, p. 69.)

The VICE-PRESIDENT, in seconding, said that he had only one regret, and that was that the Council could not see their way to demand a two-guinea subscription from them. (Hear, hear.) He thought that in submitting their proposal they had taken a very lenient view,

and the probability was that that lenient view would have to be reconsidered at some future date.

DISCUSSION.

The PRESIDENT intimated that the resolution was before the meeting for discussion.

Mr. F. E. BULLEN said that he was not moving an amendment to the resolution, but he ventured to voice a protest against the raising of that particular fee. They all of them agreed with what the President had said regarding economic necessity if they intended to carry on the work in the same way as they had been doing; but, personally, he was not convinced of the necessity of the larger income if they were going to adopt a system of economy. It was quite well for them to say that they could not do without more money, but they must remember that people throughout the country were exactly in the same position. What he asked the Council and the meeting to consider was what effect the increased subscription would have upon the numerical strength of the Society. That was a very vital question. In the past they had worked very hard to raise the membership from 6,500 to something in the region of 10,000. He was aware of the difficulty the Council had experienced in attaining that result; but he was asking himself whether they were not assembled that afternoon to come to a decision which would have the effect of cutting the 10,000 down again to 6,500 with a sweep. He was also forced to ask what the effect of the proposed increase would have upon the Benevolent Fund, because they had to cut their garment according to their cloth. They were going to charge life members a composition fee of twenty-five guineas. This, as he had endeavoured to explain through the columns of the "Journal," was absolutely a preposterous demand. He himself was a life member of ten years' standing on the old ten-guinea fee, so that in taking this view he could not be regarded as trying to grind any particular axe of his own. Had he been an ordinary subscribing member of the institution there had been many times when he would have ceased paying his annual subscription. He could only believe that the Council did not want any life members. (Applause.) He suggested they were asking too much from the rank and file of the pharmaceutical community. He looked at the matter from the standpoint of those who, when a sovereign did not purchase eight shillings' worth, were not getting 300l. a year. Were they to tell those in that position either that they could not belong to the Society, or that in order that they should belong to it they would have to cut down their subscriptions to benevolent work or to their local organisations? All these organisations required money, and as members they ought not to have this exorbitant demand made upon them. He protested against it. (Applause.)

Mr. NIGHTINGALE asked if the Council had thoroughly considered the position of the assistant pharmacist in asking him to raise his subscription. They had asked the assistant to do that on the one hand, and, on the other hand, through the L.A.E., they had turned down his request that his grievances should be considered. His position at the present time was neither a happy nor a lucrative one. What was his position in the future to be, in view of the revelations made in the decision in the test case? Under that decision full benefits would be received from the Society by the pharmacist carrying on business on his own account, but there was no protection for the assistant pharmacist against those who were unqualified—protection such as was afforded the pharmacist in business for himself. He asked the Council whether it was really worth the while of the assistant to pay a guinea a year for these rather nebulous benefits. To his mind they were asking him to pay for a substance and were giving him only a shadow. (Applause.)

Mr. HOLLOWAY remarked that members of the Society were entitled to the use of the Library, but, for some time, had been deprived of this by a body from outside. What he wished to know was whether they would still be debarred from the use of the room.

Mr. S. F. BODY (Southend) said that, in view of the remarks of the three previous speakers, he had come to the conclusion that the matter of benefits from the

Society was a very important one, having regard to the recent judgment. When the amendment of the by-laws was considered and drawn up by the Council, he expected they had the idea of continuing the usefulness of the Society; but they would agree that since the judgment they had found that their powers had been very much curtailed, and that the benefits they had previously conferred would now be by no means so numerous or so effective. The powers of the Society in the future would largely consist of its examining and registering functions, and he did not know that they saw for it a very much larger future.

Mr. I. T. LLOYD (Chelsea) maintained that, with the restriction in the scope of work which the judgment in the test case involved, the Society's expenditure would be considerably decreased, and that consequently it would not require so much money as formerly.

Mr. C. E. GCODE asked if it would be wise, at that juncture, and in view of the difficulties which had resulted from the judgment, to pass the amended by-laws as proposed. Would it not be better if the Society postponed the decision to a future date?

Mr. YATES remarked that it was quite easy for a meeting of pharmacists to suggest that things should be referred back, especially in a case where they were asked to pay money out of their pockets. He had no sympathy with the views expressed by his co-member friend (Mr. Bullen), because he had received good value for his money. The question which occurred to the minds of them all was what was going to happen now that the thing they had been working at for some time past would be taken away from the Society. It looked as if the judgment in the test case would take away from the Society the power to do the large amount of excellent work in which it had recently been engaged, and that they would return to the condition of things which prevailed in the old days when the members got little or nothing for what they paid in. He asked whether this was to be continued. He presumed that during the next three or four years the Society was going to get a good income out of its examination-fees, and he asked whether it would not be possible for the Council to carry on for some time without having to ask them for an increased subscription. Many of them were rather poor, and were being called upon to pay increased contributions to their local associations in order that these should look after their business interests. He thought there should be delay in the adoption of the amended by-laws, at least until the body politic knew the exact position in which pharmacists were placed by the recent legal decision—whether they were to pay two subscriptions, a guinea and a-half to the Society and another guinea to the federation of master pharmacists. For the sake of a little discussion, he was prepared to propose, as an amendment, that further consideration of the new by-laws be delayed for three months, or until the Society had had time to put its house in order, and ascertained whether it could not carry on with its present income.

Mr. ATTERBURY (Portsmouth), speaking as a pharmacist of thirty-six years' standing, remarked that he could only say, as a busy man, that the "Journal" was the only trade literature that he was able adequately to read. The improvement which had taken place in that publication in recent years reflected, in his opinion, the greatest credit upon those responsible for its issue. (Applause.) They had to remember that the "Journal" was the property of the Society, and that, as members, they were all part-owners of it, and ought therefore to see that it was made a financial success. He strongly protested against the observations made concerning it, adding that the improvement effected in it in recent years was "phenomenal."

Mr. R. FOURACRE (London), who seconded the amendment proposed by Mr. Yates, expressed the opinion that, as matters had developed recently, it would appear that a member had no right in connection with the Society except that of being allowed to vote at its meetings. If the subscription were increased, he feared they would cut a lot of people out.

Mr. ROBERTS remarked that the increased subscription would not mean more than sevenpence a week—about the price of half an ounce of tobacco. (Laughter.)

The PRESIDENT, in reply to the discussion, said, with regard to the amendment proposed by Mr. Yates, that such a postponement would affect the Society for at least twelve months. To delay the matter for twelve months would not be in the best interests of the Society. He assured the meeting that the Council had not approached the question in a cavalier spirit. They had considered it at numerous meetings from every conceivable standpoint, and had come to the conclusion that the 50-per-cent. increase was the minimum amount they could ask in order to meet financial obligations. There was a strong feeling on the part of the members of the Council, numbering almost half the body, that the work of the Society could not be carried on with a lesser subscription than two guineas. The Council had been and would be exposed to a good deal of heavy expenditure, and the Finance Committee was keeping a very watchful eye over the spending departments. They practised economy through all sections of the Society's business. He had always thought that the life-membership subscription of ten guineas was much too low. (Applause.) He did not think it was economically sound. He reminded them that the present life members were not being asked to pay more, and therefore there would be no injustice done to anybody. He maintained, against views expressed to the contrary, that the assistant pharmacist got as much protection from the Society in connection with the administration of the Acts as the employer. He also received the "Journal." To a very large extent if they analysed the privileges which membership of the Society secured—and he was not there to bolster them up—they would find, on a fair assessment, that these were of advantage beyond the value of the money paid for them. Replying to Mr. Holloway's point, he assured members that there was no intention on the part either of the House Committee or of the Council to deprive them of their rights to the use of the Library, but, in view of the abnormal circumstances prevailing, the greatest difficulty has been experienced in finding the necessary accommodation for classes and meetings. The President went on to say that he did not share the view expressed by Mr. Body that, in view of the judgment in the test case, the work of the Society in the future would be of such a negligible quantity that they would not require any additional money to carry it on. He held entirely opposite views. "Speaking as President," he said, "I feel I am not justified in laying down any definite points with regard to that case until my Council has had a full opportunity of considering its position and of coming to a definite and matured decision regarding it. To lay down any hard-and-fast line of action in the meantime would not be justified in the best interests of the pharmaceutical community. Although the judgment may affect, to a certain extent, one side of the Society's activities, I do not say for one moment that it will curtail anything like the full work of the Society in all its other directions. Nor will it affect to any large extent the spending departments, or those sections of administrative and other work upon which a large sum of money is spent. It may also have the other effect. It may affect the revenue quite as much as it affects the expenditure, and from that point of view—although I am not urging it as a reason for passing the by-law—when you are thinking of the ways in which the expenditure might possibly be curtailed in view of the judgment, I suggest that you also consider the other side and realise that the revenue might be affected by it to a certain extent as well."

A brief discussion ensued as to whether the President had not refused to accept Mr. Yates's amendment. The PRESIDENT replied that he did not rule it out of order, but simply pointed out that the Council could not accept it.

On a show of hands, five members supported the amendment; it was opposed by a large majority, and the PRESIDENT declared it defeated. On the original resolution being put it was carried.

On the proposition of Mr. CURRIE, a vote of thanks was accorded the President.

The proceedings then concluded.

Birth.

McGONIGAL.—At Viewforth, Carnoustie, on October 27, the wife of G. Calvert McGonigal, chemist and druggist, of a daughter.

Deaths.

CRAIG.—On October 24, Mr. Henry Riddell Craig, chemist and druggist, 41 High Street, Lanark. Mr. Craig, who qualified in 1890, had been in business in Lanark for nearly twenty years.

GARROWAY.—At his residence, Rosemount, Riddrie, on October 31, Major John Garroway, a partner in the firm of R. & J. Garroway, manufacturing chemists, 694 Duke Street, Glasgow. Major Garroway took a prominent part in the old Volunteer movement for many years, and had been a member of the board of management of the Glasgow Royal Infirmary since 1900. He was a generous donor to local institutions (see p. 67).

HINKLEY.—Recently, Mr. Edward Hinkley, retired chemist and druggist, Egremont, Wallasey. Mr. Hinkley, who qualified in 1878, carried on business for many years at Liscard.

HOLMES.—At 26 Rampton Road, Sheffield, on October 26, Mr. George Holmes, chemist and druggist, son of the late Mr. John Thomas Holmes, aged sixty-seven. Mr. Holmes formerly carried on the business at 154 Cemetery Road, now in the possession of Mr. H. Bown. He retired in 1914. The funeral took place at the Sheffield General Cemetery on October 29.

MARSDEN.—At 59A Kensington Gardens Square, London, W. 2, on October 29, Mr. Victor Emile Marsden, M.A., correspondent of "The Morning Post" at Petrograd from 1911 to 1918, brother of Mr. Prosper H. Marsden, Ph.C., Liverpool, aged fifty-four. Mr. Marsden was educated at Manchester University. He had resided in Russia since the year 1888, and wrote his illuminating articles with an intimate knowledge of every aspect of the public life of the country. When the Bolsheviks took charge of the Russian Revolution Mr. Marsden was arrested, and his health was irreparably ruined by the long months of harsh treatment which he endured in prison. It was thought that he had benefited in some measure by his voyage in the *Renown*, the vessel in which the Prince of Wales made his recent tour. He was suddenly taken ill, however, on October 28, and gradually sank. He leaves a widow. The funeral took place at Brompton Cemetery on November 2, after a service at St. Mary Abbot's Church, Kensington. Among those present were Mr. and Mrs. Prosper Marsden and the military secretary to the Prince of Wales.

POTTER.—At Harrow, on November 3, Mr. J. J. R. Potter, aged fifty-six. Mr. Potter, who died suddenly while playing golf at Preston Park Links, was joint managing director of Claudius Ash, Sons & Co., Ltd., manufacturers of dental requisites, Anglers Lane, London, N.W. 5.

REYNOLDS.—In hospital at St. Omer, France, on October 19, Mr. John Edwin Reynolds, youngest son of Mr. Freshfield Reynolds, Ph.C., Long Sutton (Somerset). Mr. Reynolds served in the R.A.M.C. for nearly five years, and had latterly been engaged in the work of the War Graves Commission.

ROBINSON.—At 15 Hinkley Road, London, S.E. 15, on October 27, Alice Maud, wife of Mr. Thomas B. Robinson, chemist and druggist.

SMITH.—On October 27, Emma, widow of the late Mr. John Smith, chemist and druggist, Clay Cross, aged eighty.

STEAD.—In a nursing home, on October 31, following an operation, Mr. William Wilkinson Stead, chemist and druggist, 1252 Leeds Road, Bradford. Mr. Stead, who qualified in 1890, was the son of the late Mr. Thomas Stead, chemist and druggist, one of the original members

of the Bradford and District Pharmacists' Association. He leaves a widow.

TAYLOR.—At his residence, 20 Kingsway, Wallasey, on October 30, Mr. Ernest Sanderson Taylor, Ph.C., aged sixty. Mr. Taylor carried on business in King Street, Wallasey, from the year 1900 to March of this year. He had previously been in business at Gloucester. On the formation of the Wallasey Pharmacists' Association, he became its first President. He was also a well-known Freemason of the Cheshire province. Since his retirement, which took place recently, he had been in failing health, but the end came as a shock to his Merseyside friends. He leaves a widow. The funeral service was held at St. John's Church, Egremont, on November 2, when about two hundred friends assembled to pay the last tribute.

THOMPSON.—At Herne Bay, on October 23, suddenly, Mr. Harry Thompson, chemist and druggist. Mr. Thompson, who qualified in 1873, was for some years in business at Bedford. He held office at one time as Master of the Stuart Lodge of Freemasons.

WILSON.—The funeral of the late Mr. G. M. Wilson, whose death was recorded in our last issue (p. 77), took place at Finchley Cemetery on November 1. Mr. A. R. Keith, President of the East London Pharmacists' Association, was present as the representative of that body and of the Eastern Pharmacists' Bowling Club. Among the wreaths, which numbered about forty, was one from the members of the club. Mr. Wilson leaves a widow and three sons. An old friend of his sends us the following tribute:

Mr. Wilson was a native of Troon, Ayrshire, a Scottish town famous for golf and bowls. He joined the East London Bowling Club when it was formed many years ago, and, being an old bowler, took an interest and a pride in coaching the other members, who were mostly novices then. So successful was his tuition that this year the team actually won the London Championship and the "Glazo" cup promoted by the "Script" Sports Club; in fact, the rink that he skipped has gone through the past season without a defeat. George Wilson was one of the few great bowlers in the ranks of pharmacy: in 1918 he easily carried off the singles championship of the London Chemists' Association. As a man he was respected by all who came in contact with him, and he will be sadly missed, for in life, as in sport, he always played the game.

Business Changes.

ROBERT DRANE, LTD., chemists, 16 Queen Street, Cardiff, have acquired the business of Mr. D. Harries, chemist and druggist, 102 Queen Street.

MR. JOHN J. OLIVER, chemist and druggist, who has been manager to Hawley & Son, chemists, Aigburth Road, Liverpool, for the past eighteen years, has purchased a business at Seaside, Combe Martin.

MR. W. C. INMAN, chemist and druggist, late of Edinburgh, has acquired, as from November 1, the business of Mr. John F. Harrington, dispensing chemist, 15 Kensington High Street, London, W. 8.

OWING to the need for larger and more centrally located quarters, Ungerer & Co., 124 West 19th Street, New York, are shortly to remove to the new Ungerer Building, 110-112 West 26th Street, which provides double the space available at the present location.

Wills.

MR. JONATHAN NEWAY, chemist and druggist, Chelmsley View, Marston Green, Birmingham, who died on September 22, left estate of the gross value of 4,180*l.* 6*s.* 3*d.*, of which 3,972*l.* 3*s.* 10*d.* is net personalty.

MR. JAMES ANDREW HAINA, Castleview, Lisburn, Antrim, managing director of Alexander Boyd & Co., Ltd., chemists, Lisburn, who died on June 13, left personal estate of the value of 5,906*l.* 10*s.* 9*d.*

Trade Notes.

WRIGHT'S COAL-TAR SOAP is shown in the advertisement of Wright, Layman & Umney, Ltd., Southwark, London, S.E. 1, to yield a protected profit to the retailer of over 50 per cent.

NEVILLE'S EAU-DE-COLOGNE CREAM.—Attention is called to the announcement in this issue by Neville & Raymond, Ltd., regarding Neville's eau-de-Cologne cream and Neville's eau-de-Cologne.

POMEROY TOILET PREPARATIONS.—Mrs. Pomeroy, Ltd., Walham Green, London, S.W. 6, makes a special discount offer to those chemists who undertake to display Pomeroy toilet preparations in the window.

ANZORA DISPLAY TERMS.—Anzora Perfumery Co., Ltd., Willesden Lane, London, N.W. 6, make an offer of a bonus during November and December on Anzora cream or viola and on Anzora beta-naphthol soap.

AVENEL'S PERFUMES.—The British agents for the perfumes of Avenel & Co., Paris, give illustrations of the packages of a number of the special perfumes which are being offered for sale in this country.

RELIANCE HOT-WATER BOTTLES are to be increased in price on November 8, but orders sent before that date to the Reliance Rubber Co., Ltd., 212-213 Upper Thames Street, London, E.C. 4, will be charged at the old rates.

TAYLOR, GIBSONS, LTD., 52 Stowell Street, Newcastle-on-Tyne, inform us that they are now purely wholesale and export druggists and manufacturing chemists. A recent notice of a window-display made by them (*C. & D.*, October 23, p. 47) left this fact in doubt.

DOAN'S PILLS.—After the advertisement of Foster-McClellan Co., referring to Doan's pills, had gone to press it was discovered that the basis of the sale of the pills, upon which the estimate is given at the top of the page, should have been given as nine boxes, not three, as printed.

PELLIN is the name of a new antiseptic skin-cream which is being introduced by C. R. Harker, Stagg & Morgan, Ltd., Emmott Street, Mile End, London, E.1. Particulars are given in the company's advertisement, which also contains an offer of free sample tubes and advertising matter.

ROSE & Co., manufacturers of essences, Haarlem, Holland, have sent us a copy of their new price-list, which is quite an artistic production. Prices are given of a large range of articles used by makers of aerated waters and other beverages, confectioners, etc. Several useful tables are appended.

"CIBA" BRAND CHEMICALS.—The Clayton Aniline Co., Ltd., 68½ Upper Thames Street, E.C. 4, send us a copy of their price list of pharmaceutical and photographic chemicals. These chemicals can be supplied either direct or through wholesale houses, and further information in regard to them is given in their weekly page advertisement in the *C. & D.*

FIGOLETS.—The novelty brought out this week by Ayrton, Saunders & Co., Ltd., Liverpool, is "Figolets," in obial and carton, recommended as a natural laxative for both children and adults. The P.A.T.A. protected price is 1s. 3d. Each order for ½ gross is accompanied by the offer to write to fifty customers directing their attention to the pharmacy where "Figolets" are obtainable.

BRITISH PERFUMERY.—Evans, Gadd & Co., Ltd., Bristol and Exeter, direct attention to their Real Old English Lavender Water and Eau de Cologne, "Cacwise" brand. These are packed in a style suited for good-class business, the lavender water being in sprinkler-top bottles. Both perfumes are sweet and mellow, conveying the impression of well-compounded and matured odours.

EDWARDS' CATALOGUE.—A new edition of the catalogue of proprietary medicinal and toilet articles sold by W. Edwards & Sons, 157 Queen Victoria Street,

London, E.C., has been issued this week. It is a clearly printed list of all the proprietary articles that are in demand at the present time, with the retail and net wholesale prices. A feature of the list is that articles to be sold at protected prices are indicated in blacker type, which, in addition to the use of the list for wholesale transactions, makes it convenient for reference in the shop when in doubt as to prices. Those receiving the new catalogue should institute the practice of noting corrections in prices as they are announced in our columns.

EUCALYPTUS OILS.—Gillard Gordon, Ltd., eucalyptus-oil distillers and growers, 13 Bridge Street, Sydney, N.S.W., have opened a London office at 7 Drapers Gardens, Throgmorton Avenue, E.C. 2, in charge of Mr. H. McC. Burnside, who will be permanently resident here. The company have recently erected a new refinery at Balmain, N.S.W., and three in Queensland, where they are producing *E. Citriodora* on a large scale in view of the shortage. The company are also manufacturing geranyl acetate from *E. Macarthurii*, and are one of the largest makers of cineol, phellandrene, and peppermint-ketone. It is also the company's intention to manufacture pure citronellol from *E. Citriodora*. It will be remembered that the firm of Burnside & Co., eucalyptus-oil distillers, Melbourne, recently amalgamated with Gillard Gordon, Ltd., the capital of which concern is 125,000. The geranyl acetate, of which we have received a sample, is a water-white liquid, with a distinctive, fragrant odour, and is much esteemed in Australia by perfumers and soapmakers, who, at present, are able to absorb the entire output.

FACTOLAC.—A sample of Factolac, a fine white powder used for the purpose of emulsifying oils, resins, etc., has been sent us by J. L. Hopkins & Co., 100 William Street, New York. This emulsifying agent, though new to this country, is fairly well known in the United States and Canada. It reverses the usual process in making an emulsion, the powder being shaken up with the oil and the water added afterwards. From our experiments the quantity given for the pint—namely, 1½ oz.—would appear to be rather excessive; with paraffinum liquidum the emulsion is excellent in every way, but somewhat too thick to be poured out readily. Resinous tinctures mix very well, and are better than if mixed with gum acacia or tragacanth. The great advantage is the easy way in which oils are emulsified, and the products are certainly on a level with the best emulsions made with other emulsifiers. A typical formula is:

Factolac	...	...	...	1½ oz.
Oil	...	...	...	2 oz.
Syrup	...	...	...	a sufficiency
Flavour	...	...	...	1½ oz.
Water	...	...	...	to make one pint

As stated above, our experience would reduce the Factolac to 1¼ oz., as sufficient to yield a nice creamy emulsion.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

L/311. The Davis patent water still.	M/311. Levitas.
W/111. Glycol—a glycerin equivalent.	E/311. Tannilecon.
	P/311. Eutoquine or Eutogene.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4

Evalax, A/411	Melba toilet preparations, S/211
Pasteur rat virus, W/211	Ment-juice extractors, B/3010
Puttv powder (Colonial inquiry), N/3010	Ruby corn plasters, B/3010
Oxygen and hydrogen gas, W/211	Luken's catgut, C/111
	Hormotone, C/111
	Molexo mole poison, W/3010

Observations and Reflections.

By Xrayser II.

The Judgment in the Test Case

will be welcomed by most chemists, whether employed or not, and for many reasons. In the first place, it clears the way for such a trade association as alone can deal satisfactorily with trade matters. If I am told that this is a begging of the question the answer is obvious—the Society has never yet attempted to deal with a trade matter without bungling it, and we have good authority for holding that the thing which has been is the thing that will be. This very business of a test case has been bungled throughout. The Society has claimed powers it never meant to use, and others the use of which might under statute law have endangered its existence as a chartered body, and would certainly have split it into two hostile camps. In short, the bringing of the test case at all was a blunder. The Society, had it been wise, would have recognised and acknowledged its own limitations and welcomed the relief from business worries which the formation of an independent but not necessarily unfriendly body would have afforded it. This, however, would have been to

Abandon its Pretensions

to be the arbiter of the whole trade, under the guise of a protector of our interests. The defeat of this aim is another principal reason for welcoming Mr. Justice Peterson's decision. The Society is our schoolmaster, and we love it as good boys should love their teachers, but we don't want it to interfere with us out of school. As our Alma Mater we owe it allegiance, and are to a reasonable extent both proud of it and grateful for what it has done for us. We recognise that it is not altogether its own fault that it has not done more; still, we hold, and have cause to hold, that it might have done more, and may still do more, by confining itself to the professional sphere. There it has legitimate ground for action and plenty of scope for it; but the extension of its operations beyond the Charter weakens its hold even of that on which its peculiar value depends. Let us hope that the issue of this test case will recall it to its proper duty.

English Legal Procedure

is often determined by what seem to the layman side issues and small points of little or no practical importance (such as the interpretation of a word or a clause) which arise during the hearing of a case. This test case is no exception. The judgment would probably have been much what it is had the meaning of the expression "carrying on" never arisen, but the Judge's mind was evidently swayed to some extent by counsel's opinion that it means carrying on upon one's own account. Literally, of course, it means nothing of the kind, and it is at least questionable whether it was so meant in the Charter. The wording is rather curious: "who should practise the same, and also for the protection of those who carry on." The Society was undoubtedly formed in the first instance for the sake of those who are in business as pharmacists, and to "practise pharmacy" and to "carry on the business" of pharmacists were probably for its founders convertible terms. Be this as it may, "practise" and "carry on" are frequently synonymous. One definition of "carry on" is "to practise continuously or habitually; to conduct, manage, work at, prosecute"; and the same authority defines "practise" as "to carry on, perform, or do habitually." But without these nice points what would become of lawyers?

A Point of Some Importance

which did not crop up during the hearing of the case is the fact that neither the Charter nor the Act of 1852 had any reference to chemists and druggists except as members or prospective members of the Pharmaceutical Society, and could not, therefore, give the Society power to regulate the business of those who choose to remain outside its borders. Even the sub-

sequent Pharmacy Acts do not compel chemists to join the Society, and it is difficult to avoid the suspicion that one reason why the Society desires power to regulate our business affairs is that it may complete the absorption of the whole trade, so imperfectly effected by these Acts. I do not complain of this if the fact really is so. The attempt would be laudable enough in itself were the Society competent or capable of being made competent for the position it aims at, but it has not proved itself so nor shown any promise of ever being so. Indeed, there are *prima-facie* reasons why it never should be. As I have often enough said, the combination of the functions of a teaching and examining body with those of a trade union is inherently almost impossible. It is the old difficulty of two stools, or of two persons under one umbrella.

Mr. Neathercoat

says that chemists generally will agree with the "main points" of the Proprietary Medicines Bill. What are the main points? The chief features of the Bill seem to be (1) the registration of proprietaries, which includes a statement of their ingredients and the proportion of them; (2) the prohibition of offers to *prevent, relieve, or cure* certain diseases, power being given to the Minister of Health to add to the number of these if he sees fit; (3) the regulation of advertisements, including the prohibition of advertising matter in the packets of medicine; (4) the removal of registered medicines from the register, virtually at the Minister's pleasure. Need I go on? To which of the above does the trade generally agree? As they stand, to none of them. It is true these can hardly be called "points" of the Bill; they are in effect the Bill itself.

Secret Diplomacy,

says Mr. Neathercoat, is better than noise and bluster. Yes, but who asks for noise and bluster? All we want is to be warned when our interests are endangered, and informed of what is being done for our protection. Failing this, we are a little perturbed when we find ourselves threatened and kept in the dark. This perturbation is not lessened when such a doughty champion of the Council as Mr. Gifford charges it with terrible remissness in the past, though I gather that he meant remissness in discharge of its duty to the public rather than to us. Mr. Neathercoat, indeed, declares that it has been extremely vigilant. It approached the Government on the subject of this Bill two days before it was published, and has been considering it ever since. This may be true, but was the Bill so much as mentioned in the reports of the meetings of Council in July and August, or made the subject of comment in our official journal before August 23? It is this secrecy of which we complain, and that gives rise to anything resembling "noise and bluster." Contrast the silence of our leaders with what the *C. & D.* has done and said. It sounded a warning note so long ago as May 1, and has kept us fully informed of what has been going on since the Bill was introduced. It would be safe to say that it forced the Council to break its silence and take us, so far as it has done, into its confidence. If this had been frankly done three months since, the Bill would probably have been very different from what it is. To say that diplomacy must be secret to be successful is absurdly untrue.

One Thousand Qualified Chemists

without berths, out of a total of 17,720 on the register, gives an enormous percentage of unemployed men, and I gravely doubt whether pharmacy will be able in our time to absorb all those who are entering it. Is it a fact that in proportion to the number of men in business there will be a greater demand for qualified assistants than there has been hitherto? This, again, I gravely doubt. The shortening of our hours and the adoption of a dinner-hour will have an opposite tendency in the smaller shops, and the spread of company pharmacy will probably tend in the same direction. The outlook for the new men is not over-bright, and it is not an auspicious time in which to agitate for higher salaries—that is, if the old law of supply and demand is still operative.

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Editorial Articles.

The Trade Interests of Pharmacy.

THE question of what is to be done to secure effective protection of trade interests in retail pharmacy is easily the most important of the week. The position results from the decision in the test case that "protection" in the Charter means to protect the professional interests of chemists in business, as, for example, by ensuring efficient administration of the Pharmacy Acts and the supply of properly educated assistants. The Council of the Pharmaceutical Society, which met on Tuesday and Wednesday of this week, has appointed a special committee to consider the question of the functions which the Society may or may not perform, or, in other words, which matters at present undertaken should be abandoned as a result of the decision in the Courts. This special committee is to report within a fortnight, and it is only fair to give the Society time to make a considered statement on the matter before proceeding to give definite opinions, arrived at upon probably insufficient data, as to the best thing to be done in the circumstances. This does not preclude chemists from offering suggestions in the meantime, so as to ventilate ideas; but, as we stated last week, **unity is the first consideration in any settlement that results.** It is not, for instance, desirable that bodies with overlapping functions should expend their energies in fighting each other instead of fighting Government Departments. It is the general trade interests of chemists that have to be considered, because, whatever decision is arrived at, the new or reorganised trade body will have quite enough to do to tackle the unsolved problems with which the trade is menaced at the present time. It may be claimed that the urgency of some of the matters brooks no delay; the Proprietary Medicines Bill and the Dentists Bill, for example, may any day need prompt handling. We take it for granted, however, that the Local Associations Executive or other committee of the Council of the Pharmaceutical Society will continue the work they are doing now, with unabated energy, until the constitution of the new body has been settled. We may usefully remind our readers of an older attempt to deal with trade matters, which resulted in the formation in 1876 of the Chemists' and Druggists' Trade Association. This Association was formed at Birmingham, at a meeting convened by the business predecessors of Southall Bros. & Barclay, Ltd., with the objects of "the protection of the legitimate interests of chemists and druggists from unfair attacks and encroachments, and the promotion of their common welfare." The subscription was only a small one, but the Association managed to do a good deal of useful work in defending chemists who were prosecuted for selling milk of sulphur and sweet spirit of nitre of the kind the public wanted but which varieties the public analysts did not recognise. The Association carried on other work, an instance which we recall being the interview with the administrators of the Medicine Stamp Acts, which resulted

in the promise that the Inland Revenue Department, as it was then, would examine chemists' labels and give opinions as to whether the wording rendered the preparations to which they were attached liable to medicine-stamp duty. This arrangement holds good at the present day. The Association petered out from want of funds, we believe, from which the lesson may be learned that a steady income is needed for any association which is going to engage in carrying on objects similar to those performed by this old body. Since the 'eighties, however, very many changes have taken place in the matter of trade protection. The Proprietary Articles Trade Association was founded with the specific object of putting a stop to the cutting of the price of proprietary articles, and all chemists acknowledge that the Association's efforts have been successful and resulted in financial gain to all those in business. An even more beneficent body is the Chemists' Defence Association, which provides the defence for chemists who are prosecuted, and insures pharmacists against what would often be ruin, resulting from accident claims. Then there is the Prescription Price-checking Bureau, which panel chemists of many Insurance areas support, and which is used as the nucleus of the Local Associations Executive's activities. When it is known definitely what functions the Pharmaceutical Society is shedding, reconstruction of the trade elements in pharmacy should not be long delayed. Mr. Hugo Wolff, who has for some years advocated the formation of the Pharmaceutical Chamber of Commerce, tells us that he was much impressed by the concluding paragraph in the editorial article in the *C. & D.* last week, as follows:

In any case, one thing remains clear in this conflict of interests—a conference should be called of all concerned to face the issue, so that the Pharmaceutical Society shall shed its trade desires and unite all pharmacists in one common membership.

We are at liberty to state that a preliminary meeting has already been held, and there is hope that, with fuller information that should be forthcoming when the special committee of the Pharmaceutical Society has reported, useful and authoritative recommendations may be put forward. These should be of such a nature as to reassure chemists that their trade interests will not be neglected. We purposely refrain for the present from giving the lead which is expected of the *C. & D.* on such occasions as this, with the object of giving fair play to the Pharmaceutical Society, now grappling with an embarrassing position. As we have stated, however, this should not prevent suggestions being made with the sincere desire to place the trade interests of chemists on a firm footing.

The Mercury Position.

THERE appears to be a little more interest on the part of buyers of mercury just lately, and the tendency would appear to be again upwards rather than downwards, although there is still some uncertainty as to how far the general demand may be depended upon to revive, since industrial conditions practically all over the world have been badly disturbed in the last few months. Adverse economic circumstances, coupled with the abnormal rates of exchange, especially having regard to those Far Eastern trade centres where good quantities of mercury usually find an outlet, have certainly been very much against the market, and there is as yet no indication of improvement in the absorbing capacity of either China and Japan or India. Mercury is, as a rule, a market

which shapes a course for itself; but the tide of depression in most commodities became so strong over recent months that the demand for this, like many other metals, was much curtailed, while the serious upset caused by the coal crisis tended to aggravate the paralysis of business. The market has, however, pretty well bottomed, while the policy of the leading importing firm, who had been rather eager to undercut outside sellers, now seems to be somewhat modified, because there seems room for some expansion in the demand, after a prolonged state of stagnation. A deep cut was made in the Spanish price late in September, and again last month, when the chief importers' limit was fixed at 15*l.* per bottle. Last week, however, they proceeded the other way by enforcing an advance of 10*s.* per bottle to 15*l.* 10*s.*, but other sellers are again quoting well over that figure up to 16*l.* The fact may be recalled that, incidental to the keen Italian competition that had been experienced in recent months, supplies could usually be secured from outside sellers at well below the terms demanded by the chief interests, and the reversal of such conditions would indicate that there is a more hopeful feeling among dealers as to future developments. The market last year fluctuated between 15*l.* 10*s.* and 24*l.* 10*s.*, and it is interesting to record the fact that the fluctuations in the course of the current year have been precisely the reverse, as may be seen from the figures we give below, which indicate the highest and the lowest touched in each month:

Closing price December 31, 1918, 21*l.*
 " " 31, 1919, 24*l.* 5*s.*

1920	Highest	Lowest
	£ s. d.	£ s. d.
January	24 10 0	22 0 0
February	24 15 0	21 10 0
March	27 0 0	24 10 0
April	27 0 0	25 0 0
May	25 0 0	21 10 0
June	21 10 0	18 10 0
July	24 0 0	20 10 0
August	24 10 0	23 10 0
September	24 10 0	18 0 0
October	18 10 0	15 0 0
November	Current quotations 15 <i>l.</i> 10 <i>s.</i> to 16 <i>l.</i>	

It is, of course, not unreasonable to assume that, given an improving demand, and with no large excess of supplies, the tendency will be shaping in the direction of firmer markets over the balance of this year, even if there is some increase in the imports, which, upon the whole, this year have been very moderate; in fact, rather restricted, as indicated by the returns given below, together with the quantities re-exported:

	Imports.		
	1913 Bottles	1919 Bottles	1920 Bottles
September	829	5,991	735
Total nine months	42,844	33,662	27,940

	Re-Exports.		
	1913 Bottles	1919 Bottles	1920 Bottles
September	996	2,846	391
Total nine months	21,695	21,421	15,119

It will be seen that the imports for the nine months were only 27,940 bottles, or very substantially less than in the same period in 1919 and 1913 respectively. Another striking feature is that the net imports for the nine months (deducting the re-exports) were only 12,821 bottles, compared with about the same last year, but 21,149 bottles in the corresponding period of 1913. This would show that the statistical position in this country is healthy, and any important revival of activity in the market at any time would probably influence prices upward.

Current quotations, compared with the level seen at the beginning of the year, denote a depreciation of as much as 9% per bottle, and it seems to be recognised that the metal now stands at a reasonable figure, making allowance for the considerably increased costs, especially of American producers, which is probably one of the chief reasons for the persistent decrease in the American output, as again disclosed by the official returns which have been published for the second quarter of this year. These returns, indeed, amount to only 3,685 bottles, or a decrease of 235 bottles, against the same period in 1919, while comparing with 4,899 bottles for the first quarter of the year. The aggregate for the first half of this year thus represents only 8,584 bottles, or equivalent to a rate of a little over 17,000 bottles per annum, which would be considerably less than one-half of the maximum output secured within the war period, when special efforts were made to force production under the control of the United States Government. Obviously, the heavy decrease in the American production must be regarded as an important factor whenever the trade demand assumes more normal dimensions than has been the case for several months past. The outlet in America, for the time being, is apparently still restricted, hence her needs in the way of importations may remain limited for some time yet. So far as can be gathered, the working of many of the old American mines has been almost abandoned, due to the very poor grade of ore now obtainable, and profitless working, although some of the larger Californian mines are making satisfactory progress with their operations, despite very high costs. While the production of the Italian mines proper, and that of the Idria mines, which have been under Italian control since the Armistice, have presumably yielded no important increase from the returns for the year 1918, as given in our issue of August 14 last, nothing is known regarding the progress of the Spanish mines, whose output, however, is hardly likely to be as good as it was a few years back, when the maintenance of inflated prices was assured.

Canadian Chemicals in South Africa.

DURING the past two years one of the most active sections of Canadian manufacturers making inquiries as to the possibilities of export, has been the chemical trade. It would appear from a report issued by the Canadian Trade Commissioner that the majority of such inquiries were with a view to "preparedness" rather than for immediate action. Detailed information of every kind has been submitted to the interested parties in Canada, and, although the results so far are not large in actual export trade, South African buyers are keenly alive to the fact that Canada has developed as a possible source of chemical supply. The lines in which Canada excels include acetone, acetic acid, acetate of lime, formaldehyde and other wood distillates, calcium carbide, and a few fine chemicals. These have obtained a definite footing in the South African market, and the Trade Commissioner thinks the list might be extended. Of acetone, the Union imported 8,861 gallons in 1919, valued at \$19,800, of which Canada supplied 3,910 gallons, valued at \$8,700. The United States and the United Kingdom supplied the balance of the imports, the amounts being respectively 2,000 gallons, valued at \$6,545, and 2,151 gallons, valued at \$4,945. It is of interest to note that both the South African Government officials and individual private companies have made numerous inquiries concerning the Canadian method of production of wood-alcohol,

and it is possible that there will be quite a development in the production in the Union. The war period has been of great value to Canadian exporters of calcium carbide, and the exports have considerably increased. During 1919 the total imports into the Union were 6,035,945 lb., of which Canada was the chief source of supply, furnishing 5,201,475 lb., an increase of over two million lb. on the 1918 figures. The United States, with less than one-half its 1913 shipment, totalled 328,960 lb., while the United Kingdom increased its figures from 17,925 lb. in 1913 to 154,436 lb. last year. Sweden and Norway, which sent to the Union 1,230,240 lb. and 5,554,961 lb. respectively in 1913, only reached totals of 185,404 lb. and 154,431 lb. in the year under review. Belgium and Germany, each of whom formerly shipped to South Africa, have altogether ceased to send, while Japan, which first entered the market in 1918, shipped 1,239 lb. As regards caustic soda, the Trade Commissioner reports that

a limited amount is being sold in small containers, but the bulk of the trade is in the quantity package, the product being used quite extensively in the cleansing of hides and skins. Canada has made occasional shipments, some being through the medium of this office, but the larger quantities were on direct indents. One Canadian concern is interested and purposes arranging a continuity of supply as soon as the conditions of production are again normal. The bulk of this trade has always hitherto been held by the United Kingdom, although during the war, in the years 1916-17, the United States made respective shipments of 1,513,803 lb. and 2,693,945 lb. The United States figures for 1919 were 287,511 lb., and the United Kingdom's 3,663,641 lb., making a total import for the Union of 3,951,152 lb.

There is a movement on foot to manufacture sodium cyanide on the Rand, for which an average of about 4,000 tons of caustic soda would be required, and which, under existing conditions, would very materially increase the import market for this product. The United Kingdom supplies the sodium cyanide market, annual imports being about 3,000,000 lb. There is a possibility of Canada competing, as the chemical is being produced at Niagara Falls in quantity. The Dominion has so far done little in supplying the demand for potassium compounds, of which the imports were 368,300 lb. last year, against 1,027,100 lb. in the pre-war year 1913. Of the 1919 figures, the largest shipment was received from the United States—viz., 300,000 lb.—the United Kingdom shipping 34,100 lb., compared with 278,376 lb. in 1913. Switzerland, France, Russia, Sweden, and Japan are small suppliers. Potassium compounds have been offered from Canada on more than one occasion during the past three years, but when a prospect of good business matured and return orders were placed by South African buyers, it was found that the Canadian supply had been sold out. Recently the natural deposits of sodium sulphate in the province of Saskatchewan and of magnesium sulphate at Basque in British Columbia have come on the market, and their use is limited only by the cost of transportation. The future development of Canada in regard to supplying the South African market with industrial chemicals may be regarded as bright, as the Dominion's resources are being exploited on a large scale by capitalists.

RUMOURED COMBINE.—In "The Financial Times" of November 4 a statement (apparently inspired) appears to the effect that the Casson Chemical Co., Ltd., is arranging to take over "a hundred establishments, thirty of which are in London," and to acquire another company of manufacturing chemists. The offices of the company are to be at 26 Westbourne Grove, W. 2.

Proprietary Medicines Bill.

THE floundering of Viscount Astor in the House of Lords, when in search of precedents for the proposed confiscation of trade secrets in the manufacture of proprietary medicines, no doubt resulted from insufficient coaching by the doctors at the Ministry of Health. He implied that precedents exist in some of the overseas Possessions for such a monstrous injustice. It is fortunate, therefore, that the Editor of "The Chemist and Druggist of Australasia" has supplied us, by the last mail, with the correct details of what has been attempted in Australia and New Zealand. Our correspondent writes:

In regard to Western Australia, Viscount Astor is mistaken in what he believes to be the state of the law there, but there is reason for confusion. A regulation requiring the disclosure of the formula was promulgated under the Food and Drugs Act in 1912. On June 26, 1913, it was amended; on August 23 it was annulled by the Legislative Council after full discussion; in November the Minister of Health declared that it was still in force; on July 17, 1914, fresh regulations were gazetted, repealing all previous regulations, except one relating to infants' food and the regulation relating to the disclosure of formulas. The new regulation, it was stated, should be read with those published on June 26, 1913, which remained unrepealed. That apparently brought Regulation 62 again into existence, although it had been annulled by the Legislative Council. On inquiry in 1917 "The Chemist and Druggist of Australasia" was informed: "Regulation 62 is still in legal force, but is not being administered at present." Under the regulation a number of resident pharmacists and other manufacturers did deposit formulas.

On December 16, 1916, in Queensland, a regulation was gazetted, but on February 7, 1917, this regulation was annulled by Parliament. The regulation annulled provided that the label of every package of a proprietary medicine must contain a statement in English of the ingredients and their proportion, unless the particulars had been previously deposited confidentially with the Health authorities.

The Commerce Trade Descriptions Act controlling all imports into the Commonwealth of Australia expressly provides that the Regulation shall not prescribe a trade description which discloses trade secrets of manufactures or preparations, unless, in the opinion of the Governor-in-Council, the disclosure is necessary in the interests or for the protection of the health or welfare of the public. The official comment is

the object of this section is to prevent the proprietors of trade secrets from losing the benefits of such by their being divulged in the trade description. However, if the article such as patent medicine contains anything of a kind which may be injurious if taken without due precaution, such as opium, for example, the regulation may require the fact to be stated in the trade descriptions.

The New Zealand and Queensland Health laws provide also that a proprietor or manufacturer of a proprietary food (or in New South Wales a drug) which contains no wholesome added ingredient, shall not be required to disclose his formula, except so far as may be required to secure freedom from adulteration or false description under the Acts. The South Australia Act provides,

nothing in this Act shall require the disclosure of any trade secret or formula for the making, preparing, or compounding of any article of food or any drug, a standard for which has been fixed under the Act, if it complies with the standard.

The Queensland Act has the following:

No regulation under this Act shall provide that the owners or proprietors of a proprietary medicine shall deposit, disclose, or publish the formula of any such proprietary medicine (Act of 1917, Section 3, Amendment of Section 112).

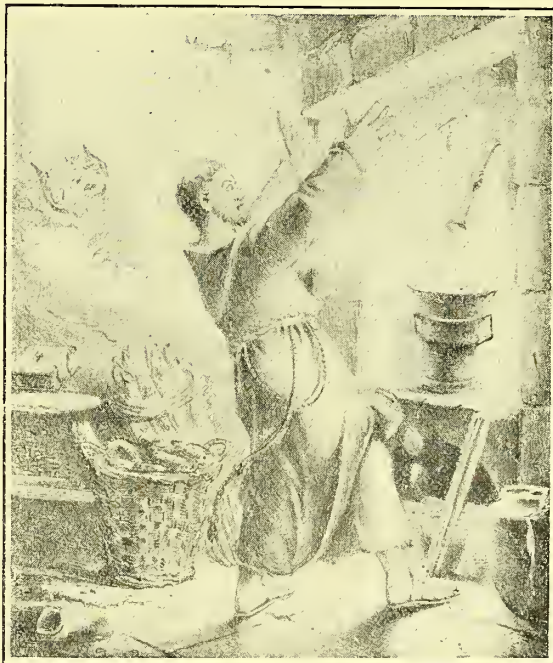
Queensland Regulation 72, gazetted in 1916 and partly annulled by the Legislative Council on February 7, 1917, retains a number of provisions. (1) A patent or proprietary medicine must not endanger health or life when

used as instructed. (2) When improper or excessive use may cause injury, a warning must appear on the label and literature. (3) Cure must not be claimed or implied of any disease or condition generally recognised as incurable by the simple administrations of drugs and specifically as for Bright's disease, cancer, consumption, and a number of other diseases. (4) The use of a number of words is prohibited—e.g., "universal panacea," "infallible remedy," "kidney cure," "cure for headache," and so on. (5) The label shall not contain any statement which indicates or suggests that the medicine is an abortifacient, or invites sufferers of any ailment to correspond with the vendor, or contains fictitious testimonials. The Queensland health authorities by 1917 had made it very clear that they desired not to catch offenders, but to help them to adapt their labelling to the regulations. The packer is responsible for proper labelling, the retailer must see he does not retail packages improperly labelled.

In regard to the operations of the New Zealand Anti-Quackery Act our contemporary was officially informed in 1917 that the Act had been put into operation in connection with Kugelmann's cure for chronic catarrh and vitadatio, and that the importation of Violetta machines had been prohibited. Agents of a cancer cure had also been warned.

It will be seen that what has taken place in Australia offers no encouragement to the British authorities that public opinion can be influenced in favour of the regulations they now propose.

The Discovery of Gunpowder.



Mr. W. Maskew, Ph.C., Hertford, sends us an engraving, reproduced herewith, as an appropriate illustration for this issue, which reaches the greater part of our subscribers on Gunpowder-Plot Day. Berthold Schwartz, figured here, was a monk who lived at Fribourg in the fourteenth century, and he is credited as being the inventor of gunpowder, but the claim for priority is disputed on behalf of Roger Bacon, the British chemist.

BIRKBECK COLLEGE has, for a period of five years, been admitted as a school of the University of London in the faculties of arts and sciences for evening and part-time students.

PETROLEUM has been located in France, in the Commune of Montaut, near St. Sever, in the Department of the Landes. The area over which it is estimated that oil may be found is nearly 2,000 acres.

Poisons in Charges of Murder.

THE Marlow magistrates commenced, on October 28, the hearing of a case in which George Arthur Bailey, dairyman, is charged with having murdered his wife by administering poison to her. It was stated for the Director of Public Prosecutions that early in September prisoner wrote to a Miss Parsons, who had been a boarder at his house and was engaged in photographic business, asking her to obtain for him 4 oz. or 6 oz. of potassium cyanide. After visiting a chemist, she informed the prisoner that he could only obtain the poison on a doctor's prescription. On September 20 he applied to a wholesale firm, from whom he ordered, among other things, opium and hydrocyanic acid. He was informed that poisons were not sold to small purchasers. He then tried unsuccessfully to obtain hydrocyanic acid from another wholesale house. Later, prisoner went to Mr. King, chemist, Marlow, and professed to be trying to work up a veterinary business. Subsequently prisoner wrote ordering a long list of drugs, including $4\frac{1}{2}$ oz. of hydrocyanic acid. They were eventually sent over to his house, where he signed for them in the presence of the post-mistress. Counsel added that Mr. Webster, the Home Office expert, had found traces of hydrocyanic acid in the stomach of the deceased. When arrested, the prisoner was in possession of bottles containing hydrocyanic acid, tincture of opium, "stramonium," and chloroform. A letter addressed by the prisoner to "the coroner, via the police," stated that he had given his wife stramonium followed by hydrocyanic acid, and went on to remark that no blame attached to the chemist, as "I could always bluff to attain my ends." Mr. King, chemist, Marlow, stated in evidence that he supplied the prisoner with 1 oz. of hydrocyanic acid on his representing himself to be a veterinary surgeon. On November 1 the hearing was chiefly occupied by the evidence of Dr. Spilsbury and Mr. Webster. Dr. Spilsbury said that the state of the stomach and other appearances suggested the possibility that death had been caused by hydrocyanic-acid poisoning. A fatal dose of hydrocyanic acid, added the witness, would be about 1 gr., and death might occur within five minutes, and probably would take place within half an hour. Prisoner, cross-examining, asked what would be a fatal dose of 4 per-cent. hydrocyanic acid.—Dr. Spilsbury: Approximately half a teaspoonful. Replying further, Dr. Spilsbury said that hydrocyanic acid was an extremely volatile drug, and it would be possible to administer it in tea. If the tea remained hot it might lose its potency fairly rapidly. Mr. John Webster, analyst to the Home Office, said that in the stomach wall and stomach contents he found hydrocyanic acid. There was only a trace in the stomach wall, but in the stomach contents he found $\frac{7}{8}$ gr. That quantity was perfectly consistent with a fatal dose having been taken. Mr. Webster also analysed the contents of a meat-extract bottle, which contained $1\frac{3}{4}$ oz. of a pink fluid. He said that it gave chemical reactions similar to those of a substance containing yohimbine. The prisoner was committed for trial.

The trial of Harold Greenwood, solicitor, Kidwelly and Llanelly, who stands indicted for the wilful murder of his wife by the administration of arsenic (*C. & D.*, July, 10, p. 58), began at Carmarthen on November 2. The chief point of pharmaceutical interest in the first day's proceedings was the evidence of the late Mrs. Greenwood's medical attendant, Dr. Thomas Roberts Griffiths, who, after explaining that he had not prescribed for her any medicine containing arsenic, referred to two pills that he sent her shortly before her death. The examination-in-chief proceeded as follows: What are the contents of them?—Each pill contains $\frac{1}{2}$ gr. of opium. It is known as "pill opium." It means that there was $\frac{1}{10}$ gr. of morphia in each pill. In your opinion would it be correct to say that these pills were too strong to give to the patient?—No, not at all. The actual amount of morphia in each pill was $\frac{1}{10}$ gr.?—Yes. Opium is 10 per cent. of morphia, is it not?—Yes. Sir Edward Marshall Hall, who led for the defence, protested at this

point that the witness had previously stated (in the coroner's court) that each pill contained $\frac{1}{2}$ gr. of morphia, and postponed his cross-examination. He had expert evidence, he said, to prove that 1 gr. of morphia is a dangerous dose. On November 3 the principal questions and answers in the cross-examination were as follows: There is an enormous difference between morphia and opium?—Yes. Anyone who uses such would use them as interchangeable terms?—Witness said they were so used, and that opium pills were called morphia pills. I asked you before the Court rose yesterday whether it would have been safe to have given this woman two half-grains of morphia, and you said it would be perfectly safe. Do you now suggest that I meant opium when I said morphia?—Yes. I could not have understood you. The Judge: It comes to this: if you had given a whole grain of morphia and not of opium you think it would have been very dangerous?—I have no doubt at all. Sir Edward: May I put it a little stronger? If you, as a medical man, had been accurate when you said you gave her two half-grains of morphia at one o'clock, would she have died before four?—If I had given morphia she would have died. I did not give it to her. Do you represent to the jury that you, a medical man of twenty-five years' standing, thought you were being cross-examined about opium? Do you suggest that the solicitor was under any misapprehension when he asked the question?—No. Questions on the presence of arsenic in glucose followed, and, later in the day, the witness was pressed as to the destruction of his original prescription for a mixture dispensed. It appeared that the dose in the copy brought to the court by Dr. Griffiths was two teaspoonfuls, and he had stated in evidence that the dose was one teaspoonful. His explanation was that he must have made a mistake. Formal evidence of the purchase of weed-killer was given by the witnesses who had been heard at an earlier stage of the case.—Mr. J. Clifford Jones, chemist's assistant, Kidwelly; Mr. James B. Macfie, Edinburgh; Mr. C. Dawson, Lincoln; and Mr. William Edward Bell, chemist and druggist, Huddersfield. The expert evidence concerning the *post-mortem* and analytical results obtained had not been reached when the Court adjourned.

College Notes.

As the result of a visit from Mr. E. Saville Peck, M.A., Ph.C., the Lancaster Education Committee has arranged for evening classes for pharmaceutical apprentices, to be held in the Technical School under the supervision of Mr. Percy Gillman, B.Sc.

The reopening of the school of pharmacy in connection with Exeter University College took place on October 28. Mr. A. H. Ware, Ph.C. (lecturer in pharmacy), gave details of the work done by the school since it was started in 1919. Mr. P. F. Rowsell, F.C.S., a member of the Council of the Pharmaceutical Society, congratulated the staff and students on the result of the recent examination—57 per cent. of passes, as compared with 36 per cent. for the whole country. Referring to the work of the advisory committees in pharmacy, Mr. Rowsell mentioned that over 4,400 ex-officers and men connected with pharmacy had been dealt with. The calling of pharmacy would not bring great financial rewards, but it did provide its members with a fair income, and, usually, those associated with pharmacy had not to complain of being out of work. Many changes were taking place to-day, but he was convinced that there would eventually come the time when the true pharmacist would take up his rightful position. Mr. Rowsell urged the desirability of qualified students sitting for the Major examination, as with the setting-up of clinics under the Ministry of Health there would come a need for the higher branches of pharmacy.

"THERE is one area in British East Africa, the size of Kent, which, if planted with the right sort of crops, would produce an amount of alcohol that would displace the petrol used throughout the British Isles."—*Dr. W. R. Ormandy.*

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

SHOPS (EARLY CLOSING) NO. 2 BILL.

The Bill under this title, which the Government has introduced for the purpose of extending the Shops Early Closing Regulation, made under the Defence of the Realm Act, was read a third time in the House of Commons on November 1.

THE APOLLINARIS CO.

Sir J. Baird, in the House of Commons on November 2, stated, in reply to a question addressed to the President of the Board of Trade, that the Apollinaris Co., Ltd., holds a warrant of appointment to the King granted in December 1910, and, as such, is entitled to display the Royal Arms. The company is a British registered company, and all the directors, and 97 per cent. of the shareholders, are British subjects.

DYE IMPORTS.

Sir R. Horne, President of the Board of Trade, in reply to questions in the House of Commons on November 1, said he is aware that the imports of dyes and intermediates have increased very substantially during the last few months, and that a large proportion of these imports have been from Germany. The Government is pledged to protect key industries established in this country, but it will be more convenient to deal with them altogether.

TREATMENT OF TUBERCULOSIS.

The Bill in relation to the provision for treatment of tuberculosis, which was introduced on Wednesday by the Minister of Health (Dr. Addison) and read a first time, in no way involves any further financial commitments. It simply provides for the administration of such treatment to be undertaken by the municipalities. Parliament recently sanctioned that administration being taken from Insurance Committees and vested in the local authorities on the ground that the treatment of tuberculosis should be entrusted to one authority. The Bill carries out this Parliamentary decision.

DENTAL LAW REFORM.

There is but little expectation (writes our Parliamentary Correspondent) that any real progress will be made during what remains of the present session with the promised Bill dealing with the question of the reform of the dental laws on the lines of the recommendations of the Acland Departmental Committee. The Bill relating to the Licensing Laws may be said to be in the same category, and another dealing with mining royalties has already been postponed until next session. So many extraneous matters—and notably the dispute in the coal trade and the condition of Ireland—have occupied the attention of the House of Commons that much of the prescribed programme of legislation has had to be jettisoned. It is probable, therefore, that the Dental Bill will be formally introduced in the House of Commons by the Minister of Health in order that its provisions may be printed and carefully studied by members who are not thoroughly familiar with the terms of the remarkable report presented by Mr. Acland and his colleagues. As has been stated again and again, the promised legislation will follow very closely the lines of that report, the main recommendations of which relate to the abolition in the future of the unregistered dental practitioner, the appointment of a Dental Board under the direction of the General Medical Council, and the establishment of dental treatment in schools, and of a public dental service. The spiteful provision in regard to chemists who practise dentistry is the one upon which chemists must concentrate.

A SERVICE was held in the Church of St. Bartholomew the Great, London, E.C., on October 29, to celebrate the third jubilee of the Royal General Dispensary, Bartholomew Close.

Chemical Society.

THE first meeting of this session of the Chemical Society was held on October 28, at the Institution of Mechanical Engineers, the President, Sir James Dobbie, F.R.S., being in the chair. Dr. M. O. Forster, F.R.S., gave the memorial lecture on *Emil Fischer*. Born in 1852 as the son of a Rhenish timber merchant, the future scientist was originally apprenticed to his father's trade, but already during his apprenticeship undertook chemical experiments in a laboratory he had fitted up at his home, with the result that he entered the university of Bonn, where he studied chemistry under Kékulé, then under Bayer at Munich in 1875, then proceeded to Erlangen in 1882, where he taught until he was called to Berlin in 1892, where he remained until his death in 1919. Fischer's chief field of research lay in biochemistry, in the study of numerous natural products and their synthesis, and the action of enzymes. His discovery of phenylhydrazin proved a very valuable aid in his great work on the synthesis of saccharoses, begun in 1896, when he succeeded in the synthesis of α and β acrose. He accomplished the synthesis of purin from uric acid in 1898, and that of tannin in 1908. He initiated in 1899 his study of the structure of proteins, demonstrating how the polypeptides are built up from amino-acids, in which he collaborated in 1903 with Abderhalden. From the pharmaceutical point it is interesting to note that he was instrumental in introducing diethylbarbituric acid (veronal) into *materia medica*. He was always in close touch with the chemical industry of his country, with which he was on the best of terms. During the war he recognised that already in 1915 Germany would be unable to hold out any longer, if the problem of the synthetic production of nitric acid were not solved satisfactorily. He was also engaged on investigations on the manufacture of glycerin, the problem of rendering straw edible for horses, etc. Dr. Forster paid a high tribute to Fischer's manipulative skill in the laboratory; his was the gospel of inspiration, and he was a model of symmetry, with a magnetic personality. He was not a Hun, and there was nothing Hunnish about him, and he was always most sympathetic to his English students, although frequently very impatient in the laboratory. Professors Crossley and Armstrong, in moving a vote of thanks to the lecturer, also paid tribute to Fischer as a man and as a scientist. In passing the vote of thanks to Dr. Forster, the President alluded to the tact with which he, a distinguished pupil of Fischer's, had dealt with what, under the circumstances, was a difficult task.

Gazette.

Bankruptcy Acts.

RECEIVING ORDER AND ADJUDICATION.

BONAVENTURA, F. A., AVELINE, H. E., and HARRISON, E., 24 Great Tower Street, London, E.C., chemical merchants and importers, under the style of Felice Bonaventura & Co.

ADJUDICATION.

DIAMANT, S., 51 Castellain Mansions, Elgin Avenue, London, chemical merchant.

Partnership Dissolved.

CROSS, E., 28 Heaton Street, Prestwich, and AINSWORTH, H., Ebor House, Edge Lane, Stretford, Lancaster, colour and chemical merchants, at 85 Bridge Street, Manchester, under the style of Ernest Cross & Co.

WAR MEMORIAL UNVEILED.—A decorative panel bearing the names of thirty-three employees of Mander Bros., chemical-colour manufacturers, St. John Street, Wolverhampton, killed on active service, was unveiled at the works of the firm on October 25.

Associations' Winter Session.

Assistants' Union.—On October 26 assistants employed in Bristol were present at a meeting arranged by the local branch of the National Drug and Chemical Union to hear addresses by Mr. Skinner (President) and Mr. Nightingale (organising secretary). Mr. Skinner spoke on unemployment and its future possibilities. Mr. Nightingale confined himself more to the objects of the union. A meeting of the Bath branch of the National Drug and Chemical Union was held on October 27, at which it was stated that arrangements are being made for a fancy-dress dance on November 25 at the Assembly Rooms. Mr. Nightingale addressed the meeting on the need for united action. The test case, he said, showed that there is little hope of the Pharmaceutical Society being able to look after the material interests of the employed section. The only body capable of doing so is a trade union. With regard to the present low scale of wages prevalent in pharmacy it is decidedly not in the interests of employers that adequate salaries should be withheld. The union, while using its utmost endeavours to obtain for all workers in the world of pharmacy first-class wages, demands that all employees shall tender first-class services in return.

Burnley.—At a meeting of the Insurance Committee, on November 2, it was reported that for last quarter there were 31,570 prescriptions issued, at a cost of 1,301*l.*, against 26,953, at a cost of 890*l.*, for the corresponding period last year. The clerical and statistical work of preparing analyses of prescriptions in the future will now devolve on the Pricing Bureaux. The Ministry of Health has emphasised the need of economy in administration. The balance-sheet for last year showed a deficiency of 229*l.* 5*s.*, compared with a balance of 1,007*l.* for 1918.

Folkestone—The Folkestone Chemists' Association, in conjunction with the Dover Chemists' Association, held a meeting recently, at which a lecture was delivered by Dr. Stanley White (Parke, Davis & Co.). Invitations had been issued to members of the medical and dental professions, as well as to the members of the Association and their staffs, and the audience also included some of the nursing staff of the hospital. Dr. White gave an interesting lecture on *The Nature and Use of Biological Products*, which was illustrated by lantern slides.

Hull.—A meeting of the Hull Chemists' Association was held on October 19, at which Mr. Hawkins gave an address on *The Assistant Problem*. After reviewing the pre-war position, Mr. Hawkins said the situation at present shows a preponderance of qualified labour. The cost of opening businesses to-day is too great (about 1,000*l.* being required) for many who would have done so. In many cases emergency workers have made pharmacy their livelihood, and these cannot lightly be turned adrift. There is said to be a large amount of unemployment, but he very much doubted it. There is always a brief period between a man qualifying and his obtaining a berth. Within four or five years the position would be back to normal. Mr. Hawkins referred at length to the recent proposed minimum scale of wages, and said that the Local Associations Executive had voiced the opinion of the majority of chemists when they said that it should still be a matter of individual bargaining between employers and employees. If pharmacy is going to employ more qualified men, then they must increase their profits.

Leicester—The Leicester and Leicestershire Pharmaceutical Association and the Leicester and Leicestershire Assistants' Association met in the Rechabite Hall on October 27 to hear a lecture on *Petroleum from the Wells to the Pharmacy*, by Mr. S. Jamieson. Mr. F. W. Goodess (Vice-President) took the chair. The lecture was illustrated by lantern slides, depicting the different operations of boring, collecting, filtering, and bleaching. Questions were put forward concerning the flavouring and colouring of petroleum liquid and petroleum conserves. The lecturer pointed out that petroleum jelly would not emulsify in the same way as petroleum liquid which had been formed into a conserve, and that the therapeutic

value of the jelly was almost *nil*. At the close of the lecture the report of the 1920 window-dressing competition was read by the chief judge, Mr. Marfitt. Nineteen displays were entered for competition, the winner of the silver cup and the first prize (3*l.*) being Mr. W. Williamson, of Young & Sons, the second prize (2*l.*) being awarded to Mr. R. J. Dickson, and the third prize (1*l.*) to Mr. E. J. Berry. The winner, Mr. Williamson, was disappointed that there had not been more entries in the competition, but hoped that both assistants and employers would do their best to see that he did not take the prize next year.

Liverpool.—On November 3 a meeting of the Liverpool Chemists' Association was held, at which Mr. D. Evans presided. There was a good attendance. Mr. Marfitt, Leicester, gave an address on *The Art of Window-dressing*. Generally speaking, he said, pharmacists are not window-dressers. Window-dressing should be undertaken as a hobby—interesting, scientific, and profitable. In addressing this old Association of Liverpool he wished to encourage the hobby, for enormous profits had followed the change from the old carboy window to the modern display, which represented 90 per cent. of the value of the whole premises. Chemists, he said, could rival drapers with seasonable goods. *THE CHEMIST AND DRUGGIST DIARY*, two years ago, gave a list of seasonable goods for each month of the year round. He advised a succession of identical displays by all pharmacists in one town. Leicester had found these united displays profitable. Show-cards were essential, and instructions how to write these were given in *THE CHEMIST AND DRUGGIST* manual. All goods should show prices; coloured, black or white background were useful, but mirrors spoilt the effect. Single shows proved the most effective. A discussion followed. The Chairman pointed out that most successful tradesmen had windows well dressed. Mr. Wallbridge quoted the high opinion expressed by the Chancellor of Liverpool University concerning local window displays. Never had the Association seen so fine an exhibition as the hundred photographs of windows dressed by the lecturer. Mr. J. L. Hirst remarked that drapers added to the shop through window-dressing: Why did not pharmacists do the same? Mr. John H. Robinson said his experience confirmed that of the lecturer as to the success of single shows, especially on Saturdays. He found a four-week show starting on Friday night profitable. Liverpool had improved wonderfully in window-dressing during the last fifteen years, and the improvement was evident over most of England. The prejudice against window-dressing had vanished. To counteract traffic trouble goods should incline backwards. In reply to a question the lecturer advised hidden overhead lighting either from inside or outside.

Manchester.—A special meeting of pharmacists in business was held on October 27. The meeting followed that of the North-Western Federation of Pharmaceutical Associations, and was called by the hon. secretary of the Federation, at the instance of the Council of the Pharmaceutical Society, to hear an address by Mr. A. R. Melhuish (member of the Pharmaceutical Council) on *Current Topics*. The attendance comprised over one hundred pharmacists. Mr. Melhuish then addressed the meeting, dealing with the Proprietary Medicines Bill, and assuring his audience that nothing would be left undone to ensure that pharmacists would receive reasonable and proper consideration when the Bill came before Parliament. The special committees appointed to deal with the Bill were composed of pharmacists who had the interests of the craft at heart. Mr. Melhuish next dealt with the serious number of unemployed qualified and unqualified assistants. It is impossible to "place" these men unless a great proportion of the female assistants now employed by pharmacists are discharged. He said there were instances of three, and as many as eight, female assistants being employed in pharmacies throughout the country. Over 90 per cent. of these men registered at headquarters were assistants in pharmacies before the war. The Pharmaceutical Society are doing all they can, but it rests with the pharmacists throughout the country to assist. Mr. Melhuish also spoke on the Harrison Memorial Fund, and paid a tribute to the late Colonel

Harrison. (The Federation voted 10% to the fund at this meeting.) He recommended that some special committee be appointed to see to the financial position of the Pharmaceutical Society. He was not disparaging the good work of the present finance committee, but he thought the time was ripe for some such body to be set up. The income of the Pharmaceutical Society was never greater than at present, and there was sure to be a lean period to follow.

Public Pharmacists.—The Public Pharmacists' Association held the opening meeting of the session on October 26. Mr. J. L. P. Hollingworth, F.L.S., in the chair, welcomed Mr. H. Antcliffe (Sheffield). The secretary reported on the position of public pharmacists under the Dangerous Drugs Act. Mr. R. Welford gave an address on *Pharmacy in the Future*, and in optimistic vein prophesied a bright future for pharmacists. He advocated the plan of institution pharmacists endeavouring to assist the medical staff in such matters as urine analysis, microscopic work, etc., by which means they would secure a professional status. Mr. Welford related his own experience in this connection, which extended over a period of thirty years. Mr. Henry Rodwell's paper on *Should Public Pharmacists Manufacture?* provoked useful discussion. Mr. Rodwell advocated the manufacture of galenicals, starting, if possible, from crude drugs. The difficulty of judging the quality of such galenicals as conf. sennæ and pulv. sennæ was pointed out, and, while Mr. Rodwell agreed that, in the main, wholesalers' preparations came up to the guarantee, yet he had seen parcels of vegetable drugs of doubtful quality. Mr. Rodwell's paper concluded with an offer to advise any members on manufacturing processes. In the discussion Mr. Duff contended that in comparing the cost of galenicals made in the hospital laboratory with wholesalers' prices, it was unfair, unless charges were added (establishment, wages, etc.), to quote the saving as being the difference in cost of materials only on the drug-wholesaler's price-list. Mr. Jenkin said that manufacturing was only a paying proposition if the machinery, etc., was in fairly constant use and large quantities made. The paper by Mr. J. H. Heworth, *Seven Years on the Tramp*, gave an interesting account of the experience of a *locum*.

Women Pharmacists.—The annual meeting of the National Association of Women Pharmacists was held on November 1, the President (Miss E. Buchanan) in the chair. An instructive and enjoyable address, entitled *Common Sense*, was given by Dr. Jane Walker, who gave some amusing instances of the lack of this gift in official minds. Miss Wardle, President of the Liverpool and Manchester group, proposed a vote of thanks to Dr. Jane Walker, which was seconded by Professor Greenish.

Metropolitan Federation.

A meeting of the Metropolitan Federation was held on October 28, Mr. E. T. Neathercoat in the chair. The following Associations were represented: *London*—Western, South-Western, North, South-Eastern, and North-Eastern, Harrow, Croydon, and Surrey. With a few slight amendments, the constitution and rules of the Federation were approved. It was decided that copies of the rules, at cost of printing, should be supplied to the secretaries of the Associations in the group upon application. The following members were elected to constitute the Executive Committee: Messrs. C. W. Andrews, E. A. Atkins, J. H. P. Bond, W. H. Fowler, C. W. N. Fox, A. W. Hall, T. Marns, J. Hearle, J. H. Mather, E. T. Neathercoat, A. R. Keith, C. W. Matthews, J. Milner, C. A. Noble, W. Potter, W. E. D. Shirliff, E. Skues, P. Sparks, A. J. Wing, H. S. Watson, and G. A. Tocher, together with the three representatives of the Local Associations Executive, Messrs. A. R. Melhuish, H. B. Figg, and F. Cherry. The following officers were then appointed: *President*, Mr. E. T. Neathercoat; *Vice-Presidents*, Mr. H. S. Watson and Mr. J. H. Mather; *Treasurer*, Mr. W. E. D. Shirliff. Mr. G. A. Tocher was recommended to the Local Associations Executive for appointment as secretary to the Federation. Mr. Mallinson opened a discussion on *Current Topics*. He

spoke concerning the Proprietary Medicines Bill and touched upon the wages question and unemployment in pharmacy, as well as upon the revision of Insurance terms.

Personalities.

MR. H. C. H. OLIVER, chemist and druggist, West Malling, has been elected chairman of the local parish council.

BRO. ARTHUR CROSSLEY, chemist and druggist, Stockport, has recently been installed W.M. of Cheadle Lodge, No. 3,731.

MR. J. L. HENSHAW, chemist and druggist, Shrewsbury, has recently been elected a joint treasurer of a local Liberal association.

MR. W. MIAL JONES, Ph.C., Aberystwyth; who recently underwent an operation for appendicitis, is now recuperating at Llandrindod Wells.

MR. D. MYRDDIN EVANS, son of Mr. M. D. Evans, chemist and druggist, Towyn, has passed the Intermediate examination for the LL.B. degree of the London University.

MESSRS. H. PEACOCK and W. J. M. DAVIES, chemists and druggists, Stafford, have been appointed to represent chemists on the committee of the local traders' association.

MR. R. C. WALSHAW, chemist and druggist, Market Place, Huddersfield, has been appointed a justice of the peace. Mr. Walshaw is a past-President of the local chamber of trade, and senior Vice-President of the National Chamber of Trade.

MR. C. GOODE, 11 King Street, Twickenham, who has been appointed secretary of the Thames Valley Pharmacists' Association (*C. & D.*, October 30, p. 85), asks us to state that he is at the service of any member of the Association on pharmaceutical topics. His 'phone number is Richmond 1614.

AMONG the pharmacists who have been elected as councillors at the municipal elections during the week are the following: Messrs. C. A. Critchley, Blackburn (re-elected); L. M. Herrod, Wisbech (re-elected); M. Hill, Wisbech (re-elected); H. M. Lloyd, Merthyr Tydfil; and W. Maskew, Ph.C., Hertford.

FRATELLI DE PASQUALE, of Messina (agents in London, Samuel Lambert & Co., 14 Mincing Lane, E.C. 3), inform us that the services of Mr. F. J. Baker, of Messina, have been secured as their technical and business manager of the export department for English-speaking countries. Mr. Baker received his early training with Harker, Stagg & Morgan, Ltd.

MR. GEORGE ROBERT BARCLAY, joint managing director of Barclay & Sons, Ltd., druggists' sundriesmen, 95 Farringdon Street, London, E.C. 4, has left London for a trip to South Africa by the s.s. *Balmoral Castle*. Mr. Barclay has been associated with his company for upwards of fifty years, and is treasurer of the Proprietary Articles Trade Association, of which he was President in 1902.

MR. JOHN F. HARRINGTON, past-President of the Pharmaceutical Society of Great Britain, who, as will be seen in another column, has disposed of his business in Kensington High Street, London, W., has, we regret to learn, been in indifferent health for some time past. It is hoped that freedom from the responsibility attaching to a West-End business will materially assist his complete recovery.

THE following presentations have been made by Burroughs Wellcome & Co. to members of the staff who have completed twenty-one years' service with the firm: To Mr. Frederick Herbert Lees, F.I.C., F.C.S., chief analyst at the "Wellcome" Chemical Works, a mahogany clock; to Mr. F. J. W. Thompson and Mr. John Steven Outen ("Wellcome" Chemical Works), presentation watches; and to Mr. Henry Gardiner May, senior assistant in buying department at the head office, an oak bookcase.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C. 4, Nov. 4.

STAGNATION is a word seldom used in the Trade Report, but on the present occasion it fitly describes the conditions of business, and while this is so, prices almost without exception continue to crumble. November 18 has been fixed as the tentative date on which a drug auction will be held, and this will be the last for the year. Large supplies of drugs have accumulated in the interval, and it is anticipated that importers will meet the market. Up to the present the prices of crude drugs generally have been well maintained, in striking contrast to the fall in chemicals. Among the changes of the week are cheaper prices for balsam Peru and tolu, eenea and ergot. Lycopodium and Russian cantharides are genuinely scarce and dear. Fenugreek and mustard seed are lower; fennel is dearer. Ipecacuanha is still tending easier; cod-liver oil has shown more inquiry. Menthol and camphor are flat. Shellac is much lower, and cocoa butter is cheaper. A summary of the changes in essential oils and pharmaceutical and heavy chemicals will be found under their respective headings.

Higher	Firmer	Easier	Lower
Coconut oil	Camphor oil, brown	Anise oil, star	Ami topyrin
Fennel seed	Methyl salicylate	Benzyl acetate (forward)	Aniline oil
Turpentine	Tartaric acid	Benzyl benzoate (sp. and for.)	Balsam Peru
		Bois de rose oil	Balsam tolu
		Cadmium	Benzols
		Caffeine	Betanaphthol
		Camphor (Jp. slabs)	Calcium lactate
		Cassia lignea	Citral (forward)
		Cassia oil	Citrates
		Citric acid	Cocoa butter
		Cloves	Codeine and salts
		Coumarin	Cream of tartar
		Ergot	Fenugreek seed
		Nickel sulphate	Formaldehyde
		Nutmeg oil	Hexamine
		Oxalic acid	Hydrastine
		Paranitraniline	Linseed oil
		Pepper (white)	Mace
		Pimento	Morpbine salts
		Potash bichromate	Mustard seed
		Potash bromide	Phenazone
		Resorcin	Piperazine
		Soda bichromate	Saccharin (expt.)
		Soda diethyl-barbituric	Safrol
		Soda sulphide	Salicylic acid
		Sulphonol	Senega
		Terpineol	Sbellac
		Thyme oil (Sp.)	Soda bromide
			Spearmint oil
			Sugar
			Syrups
			Tannic acid
			Veratrine
			Wintergreen oil
			Wood oil (Oh.)

Cablegram.

NEW YORK, November 3.—Business is dull, with prices tending downwards, and the following products are cheaper to buy: Cartagena ipecacuanha is \$3.00, mandrake (podophyllum) root 19c. per lb., mercury \$58.00 per flask, phenacetin (acetphenetidin) is \$2.10, antipyrine \$3.00 (25c. lower), formaldehyde, 27c. (5c. lower), hexamine \$1.80, citric acid 57c. (5c. lower), refined camphor \$1.25, and saccharin \$2.75 (10c. lower).

London Markets.

ANTIMONY.—Chinese crude ex warehouse is on offer at 33*l*. to 34*l*. per ton, but demand is slow. There is plenty of foreign regulus offering down to 40*l*. c.i.f., and spot lots are worth 42*l*. to 43*l*. America being still very dull, this is against shippers, while Japan is rather a keen seller.

BALSAM PERU is lower, with spot sellers of genuine at 18s. per lb.

BALSAM TOLU is cheaper, spot supplies offering at 4s. 6*d*. per lb.

BENZOLS are lower, pure offering at 4s. to 4s. 3*d*. per gallon, naked at works, and standard is 3s. 6*d*. to 3s. 7*d*.

BISMUTH.—Ore from Hong Kong, valued at 1,300*l*., has arrived in London.

CADMIUM.—With the supply somewhat in excess of current needs, the tone is easy at prices ranging from 6s. 3*d*. to 6s. 6*d*. per lb.

CAMPHOR (REFINED).—Japanese slabs have been selling at 5s. 9*d*. to 5s. 7½*d*. per lb. on the spot, being slightly easier than our last quotation.

A report has been received from Tokio to the effect that the camphor allotments for the quarter ending December 1920 are as follows: United Kingdom, 700 piculs; France, 380 piculs; United States, 6,200 piculs. With regard to the figures given for the United Kingdom, the Camphor Monopoly Bureau state that this is the amount of the United Kingdom's demand.

CANTHARIDES.—Russian continue in very small supply, 15s. per lb. being asked on the spot.

CASSIA LIGNEA is dull and easier, selected offering at 50s. to 52s. 6*d*. per cwt., and broken at 40s. on the spot.

CASTOR OIL.—In further reference to last week's paragraph, the Hull makers advise us that there has been no change in their prices, which are: Pharmaceutical, 82*l*.; firsts, 77*l*.; and seconds, 72*l*. per ton, barrels included ex mill's Hull, net cash. English pharmaceutical oil is by no means plentiful. French medicinal in tins and cases is quoted at 116s. per cwt. on the spot.

CHILLIES and CAPSICUMS of fine qualities continue scarce, and the medium grades meet with a slow sale.

CINCHONA.—Further particulars of the auction to be held at Amsterdam on November 10 show that the 1,360 packages (1,271 bales and 89 cases) Java pharmaceutical bark weigh 68,143 kilos. and contain the equivalent of 1,787 kilos. quinine sulphate; 17 cases, weighing 711 kilos., Bolivian cinchona, with a content of 38 kilos. quinine sulphate, will also be offered.

CLOVES.—Fair to good Zanzibar are maintained at 1s. 6*d*. to 1s. 7*d*. per lb., and common qualities can be had at 1s. 5*d*.

COCA LEAVES.—Further particulars of the Amsterdam auctions to be held on November 10 show that the 5,332 packages (4,902 bales and 430 cases) Java coca leaves weigh 287,605 kilos., with a total alkaloidal content of 4,056 kilos.

COCOA BUTTER is 1½*d*. per lb. cheaper, with spot sellers at 2s. 5½*d*. per lb. in lots of not less than one ton.

EGG PRODUCTS remain flat. Chinese prime hen-yolk is offered at 80s. per cwt. for old, 105s. for new, and at 90s. c.i.f. for November-December shipment. Dried yolk is 8*d*. per lb. on the spot, sprayed whole egg 1s. 4*d*., and native dried whole 9*d*. per lb. spot. Prime hen albumen is 4s. 7*d*. per lb. on the spot, and December-January shipment 4s. 3*d*. c.i.f.

ERGOT is easier, with spot sales of Spanish at 12s. 6*d*. per lb.

EUCALYPTOL.—The spot price is 4s. 6*d*. to 5s. per lb.

FENNEL SEED is dearer at 37s. per cwt. for ordinary East Indian.

FENUGREEK SEED.—Owing to cheaper offers from Morocco shippers the spot price has declined, and 14s. to 14s. 6*d*. per cwt. is the recent quotation.

GUM ACACIA is steady, with usual Sudan sorts offering at 72s. 6*d*. and cleaned at 75s. per cwt.

IPECACUANHA valued at 1,051*l*. has been received from the Straits Settlements.

JALAP containing 11 per cent. resin is offered at 3s. 3*d*. per lb. c.i.f. prompt shipment and 15 per cent. at 3s. 8*d*.

JUNIPER BERRIES.—Fair Italian offer at 24s. per cwt. on the spot.

LINSEED OIL.—There is a small demand on home account, while the London spot price has varied a little from the recent highest down to about 66*l*. per ton. Users' needs are being kept in narrow compass, especially having regard to the manufacture of paint and varnish and

kindred material. Export business is now comparatively small, but crushing of seed is more restricted due to fuel difficulties. The tone in seed is steady, and there is no indication of any important fluctuations for the present. The outlook as to future supplies seems good.

LYCOPodium continues very scarce, with small quantities offering at 22s. per lb. on the spot.

MENTHOL continues quiet, with spot sellers of Kobayashi-Suzuki at 28s. 6d. to 28s. per lb.

MERCURY.—The tone is steady, with no new feature at the moment, prices ranging from 15l. 10s. to 16l. per bottle. Export demand is rather feeble. The position is reviewed in our editorial columns.

MUSTARD SEED is lower at 47s. 6d. to 52s. 6d. per cwt. for fair to good yellow English.

ORRIS.—Since we last quoted prices have eased, fair Florentine sorts offering at from 80s. to 85s. per cwt.

PEPPER has ruled quiet, with small spot sales of fair black Singapore at 5½d. to 5¾d. per lb., and for November-January shipment from 6d. to 5¾d. c.i.f. has been paid. Tellicherry is 7½d., Lampong 5¾d., and Aleppy 6d., all spot. White is also dull, and slightly easier, fair Muntok having been sold at 1s. 3d. to 1s. 2¾d.; to arrive, November-January shipment, has been done at 11¾d. to 11½d., and January-March at 11½d. per lb. c.i.f. White Singapore is 1s. 1¾d., with sellers of October-December shipment at 11d. c.i.f.

PIMENTO is quiet, and a trifle easier, with spot sales at from 3½d. to 3¾d. per lb.

SCAMMONY.—Mexican root is quoted at 6d. to 6½d. per lb. c.i.f. to arrive.

SENEGA.—Arrivals of fair-sized quantities have taken place, and prices are easier, with spot sellers at 7s. 3d. per lb.

STORAX.—Liquid is offered at 6s. 6d. per lb. on the spot. SUGAR.—The Royal Commission on the Sugar Supply has reduced, for the period November 1 to November 27, the maximum price of licensed "free" sugar sold to, or resold by, manufacturers from 120s. to 96s. per cwt., duty paid, ex store, less 1¼ per cent. discount. All rationed white sugars have been reduced by 16s. per cwt., and the retail prices by 2d. per lb., the latter from November 15. The restrictions on the sale of West Indian have been removed, and, except with regard to the maximum price (96s.), are now quite free. The following are the present prices:

	Grocery		Manufacturing and Ships' Store, Wholesale per cwt. Discount 1½% to direct buyers
	Wholesale per cwt. Discount 1½% to direct buyers	Retail per lb.	
Castor, icing, pulverised ...	102s. 0d.	1s. 6¾d.	102s. 0d.
Onbes, loaf sugar ...	100s. 0d.	1s. 0¾d.	100s. 0d.
Granulated, crystals, crushed and chips, dry white sugar, W.I. grocery, crystallised, yellow crystals, white pieces, moist.	96s. 0d.	1s. 0d.	96s. 0d.
W.I. Muscovado (moist), raw brown, cane crystals, pieces—other than white W.I. grocery syrups.	Free of voucher	Free of voucher	Free of voucher
Jellies, knots, and lumps, W.I. and other British Colonial syrups to be sold only to manufacturers.	—	—	Uncontrolled

The prices of syrup and refined treacle have been reduced 15s. to 77s. in 2-lb. tins and to 55s. in casks.

SHELLAC is much lower, the spot market for usual standard TN Orange quality being about 600s. per cwt., fine Union is 800s., fine seconds 680s. to 690s., pure button 700s., Kala 400s., AC cakey Garnet 500s., and IG 480s. Futures are lower, sales, including December delivery, at 555s. to 550s. to 545s. At auction on Tuesday 294 cases offered without reserve, chiefly Orange and button, and sold at lower prices: 194 cases sold at from 655s. to 690s. for fine seconds to fine Orange, and fine small broken reddish at 655s.; 30 cases Garnet sold at 465s. to 485s. for AC cakey to blocky; 84 cases button sold at 670s. for pure, 670s.

to 675s. for RL1, and 640s. to 655s. for TJM pure 1. The London stock of shellac on October 31 was 13,882 cases, against 26,318 cases in October 1919.

TURPENTINE.—The market experienced a sharp rally in the latter part of last week on a much better demand, due to some little accumulation of orders, and the undertone is again pretty good. Despite the labour unrest, recent deliveries were not so bad, although there has been a further slow increase in the warehouse stocks to well over 25,000 casks. The fact is worth noting that the proportion of the stock of Continental spirit at fully one-fifth of the total stocks is much greater than it was generally in pre-war times. French production has been much larger this year. Prices of American spirit have since our last fluctuated well upward of 130s. per cwt., but on Tuesday the market declined to 124s. 6d., closing at 124s. 9d. on Wednesday. In another month or so the collection of the gum in America will probably end. The tendency there has been a little steadier.

WAXES.—Carnauba is quiet, with fatty grey offering at 200s. and chalky 195s. Paraffin is quoted at from 7½d. to 11¾d. per lb., according to melting-point.

WOOD OIL.—Chinese is rather lower at 108s. per cwt. for Hankow on the spot.

Pharmaceutical Chemicals.

BUSINESS continues of a meagre description, and for the few orders about competition is very keen. For some time past German makers and dealers have been circulating very low offers of pharmaceutical chemicals, and this knowledge has helped forward the slump among dealers. Among the notable reductions are included, hexamine, tannic acid, calcium lactate, sodium bromide, phenazone, methyl sulphonal, sodium salicylate, and salicylic acid. Methyl salicylate and tartaric acid are rather firmer. Citrates, morphine, and codeine salts are lower. Saccharin (export) is cheaper.

AMIDOPYRIN is about 2s. 6d. per lb. cheaper, dealers offering at 27s. 6d.

ASPIRIN.—English makers maintain their previous prices of 4s. 9d. per lb. for B.P., and second-hands offer at 4s. 6d. to 4s. 9d. as to quantity.

BROMIDES.—Potash meets with a light demand, small lots of crystals or granular selling at from 1s. 3d. to 1s. 4d. per lb. Sodium is cheaper at 1s. 6d., and ammon. is still 1s. 9d. The undertone continues weak, and for quantities these prices can be eased.

CAFFEINE.—Pure is weaker, importers offering at 41s. per lb.

CALCIUM LACTATE is from 3d. to 6d. per lb. cheaper, importers offering at from 4s. to 4s. 6d. per lb. according to quantity.

CITRATES.—Makers' prices have been reduced about 1s. per lb. The list price of potassium citrate is now 4s. 11d., sodium citrate 4s. 2d., and ferri et ammon. cit. 4s. 8d. per lb.

CITRIC ACID is still weak and unsteady at from 3s. 3d. to 3s. 6d. per lb.

COCAINE continues weak, hydrochloride offering at 19s. per oz.

CODEINE.—Makers' prices have been reduced by 1s. per oz. to 21s. for crystals and precipitated, and to 17s. for hydrochloride, phosphate, and sulphate.

HEXAMINE is one of the outstanding cuts of the week. A fair average value is 11s. 6d. to 12s. per lb.

MERCURIALS.—The following are the makers' prices for lots under 1 cwt.: White precipitate, 6s. 7d.; corrosive sublimate, 5s. 9d.; calomel, 6s. 2d.; red precipitate, 7s.; levig. ditto, 6s. 6d.; yellow oxide, 6s. 4d.; white sulphate, 4s. 10d.; sulphuret with sulphur, 5s. 4d. per lb. net.

METHYL SALICYLATE has a firmer tendency, sellers asking the slightly advanced rates of 3s. 9d. to 3s. 10d. per lb.

METHYL SULPHONAL is about 1s. per lb. cheaper, with sellers at 32s. to 33s. per lb.

MORPHINE SALTS.—Makers have reduced their prices by 6d. to 1s. per oz., offering pure crystals at 18s. 5d. per oz. and præcip. at 18s. 2d. The following are the revised prices for salts: Acetate 14s. 6d., bromide 18s. 2d., diacetyl 27s. 6d., diacetyl hydrochlor. 26s. 6d., ethyl hydrochlor. 27s. 6d., hydrochloride 14s. 6d., crystals,

14s. 9d., meconate 18s. 2d., sulphate 14s. 6d., crystals 14s. 9d., tartrate B.P. (neutral) 18s. 2d. per oz. net.

PEPSINS are quoted at from 22s. 6d. to 25s. per lb. for 1 : 2,500, and from 25s. to 27s. 6d. for 1 : 3,000.

PHENAZONE has declined to 12s. per lb.

PILOCARPINE shows little business, the value of hydrochloride being 40s. per oz. and nitrate 35s., and less for quantity.

PIPERAZINE is offered at the lower rate of 5s. 6d. per oz.

QUININE.—At 4s. 1d. per oz. net limited quantities of sulphate are available from dealers.

SACCHARIN.—In one quarter the makers of British saccharin have reduced the export price of 550 pure powder to 17s. 6d. per lb. net f.o.b., in bond in shipping quantities in 1-lb. tins, cases included, and to 18s. for smaller quantities by parcel post.

SALICYLATES.—Imported salicylic acid is again cheaper, with sellers of B.P. powder at from 2s. to 2s. 3d. per lb., as to quantity. Sodium salicylate is also cheaper at 3s. to 3s. 3d.

SANTONIN.—Although the prices have not yet been finally fixed officially, we understand that sales have been effected at the price of 40l. per kilo. (say, 360s. per lb.) in bulk quantities. The price will no doubt be further reduced in view of the fact that the usual agents are about to import into this country further quantities of santonin from the Near East and the Continent.

SODA DIETHYLBARBITURIC is much lower at 35s. per lb.

SULPHONAL is slightly easier, importers offering at 30s. to 31s. per lb. as to quantity.

TANNIC ACID has further declined to 6s. 6d. per lb. in bulk, a price at which it cannot be replaced.

TARTARIC ACID has a firmer tendency at 2s. 7d. per lb. on the spot.

VANILLIN is about steady at from 61s. to 62s. per lb. on the spot.

The following are unchanged: Acetanilide crystals and powder, 3s. to 3s. 3d.; gallic acid, 7s. 9d.; ammon. benzoate, 10s. 6d.; benzonaphthol, 13s. 6d.; benzaldehyde, 5s. 6d.; creosote B.P., 7s. 6d.; creosote carbonate, 22s.; paraldehyde, 3s. 3d. to 3s. 6d.; and potash permanganate, 3s. 6d. to 3s. 9d. per lb.

Heavy Chemicals.

The market in heavy chemicals continues on the quiet side. Values are very unsteady, and in a number of cases further declines are recorded. Formaldehyde, owing to low quotations and offers from the Continent, has fallen considerably. Very few buyers are in the market for home trade, and export trade, with the exception of saltcake, is only small. It is thought that consumers, whose stocks must now be exhausted, will soon come into the market.

ACETIC ACID is on the quiet side, and values have declined. Glacial is quoted at 90l. to 94l.; 80-per-cent. pure 79l. Technical is 77l. to 78l. spot and 75l. forward.

ACETONE is dull and quoted at about 105l., but there is no demand.

ALUM.—Lump in casks is available at about 20l., with only small business.

ARSENIC is quiet. English is about 76l., and Australian about 2l. dearer.

BARYTES is a steady market and moderate business is being done. Best white is 15l. Grey is about 6l. 10s.

BLEACHING POWDER.—Small stocks are offered at about 26l. 10s., but there is not much demand.

COPPER SULPHATE.—There is no material change for the better, while Continental requirements appear to be partly filled by Italian makers, who seem to have a fairly good surplus available after taking care of their domestic needs. The Continental demand cannot be very brisk just now, although it is possible that merchants are disposed to make provision for the coming year. British makers are, of course, working at much below the normal in the absence of any notable recovery in the foreign outlet. Current rates are about 40l. to 42l. 10s. per ton in casks, less 5 per cent. f.o.b. Liverpool.

CREAM OF TARTAR is quiet, and only a small business is

being done at about 215s. for 98-99 per cent., and 230s. per cwt. for 99-100 per cent.

EPSOM SALT is being inquired for and is quoted at about 13l. for commercial quality in bags.

FORMALDEHYDE is very unsteady, quotations varying from as low as 205l. up to about 230l. The state of the market is no doubt due to Continental offerings at about 180l. f.o.b. There is very little business to be had, and a further decline in price is not unlikely.

GLAUBER'S SALT is moving fairly well and remains steady at about 8l. 10s. for commercial quality.

LEAD PRODUCTS.—Lead-oxides are dull at about recent quotations, the outlet being restricted at present. White lead, however, is firm at the rates quoted in our previous issue.

LIME ACETATE is dull, with values steady at 30l. for grey 80-per-cent. and 40l. for 92-per-cent.

LITHOPONE remains steady and in moderate demand. Continental Red Seal, 30-per-cent., is quoted at 42l.

NICKEL SULPHATE is easier and quiet. 54l. for single salts and 56l. for double salts f.o.b.

OXALIC ACID is slightly weaker, Continental make offering at from 1s. 10d. to 1s. 11d. to come forward.

POTASH BICHRIMATE is quiet and easier at 1s. 7d.

POTASH CAUSTIC 88-92 per-cent. is being offered at about 97l. 10s., but there is little demand; some holders offer below this figure.

POTASH PERMANGANATE remains quiet, there being but small demand for stocks held; values about same as last week: 3s. 2d. for commercial and 3s. 9d. for B.P.

SALTCAKE is in steady demand at about 16l. in bulk f.o.b.

SODA ASH is on the quiet side, 58-per-cent. light alkali moving at about 15l. f.o.b.

SODA BICARBONATE is quiet; supplies are available and being offered at 13l. for refined.

SODA BICHRIMATE has fallen to 1s. per lb., at which there is only small demand.

SODA CRYSTALS are on the market at about 9l. 10s. for spot supplies from dealers.

SODA HYPOSULPHITE.—Pea crystals remain in fair demand and steady at 37l.

SODA SULPHIDE, 60 to 62 per cent., is easier at about 43l., with only small demand. Continental material is coming forward.

SULPHUR.—Sicilian flowers are offered at the slight reduction of from 21l. to 22l. per ton, and roll 22l. per ton.

ZINC ASHES are quiet at 9l. for 70-per-cent. Zn.

ZINC DUST is not active; offered at 80l. for 92 to 94 per cent.

ZINC OXIDE.—Market is dull and values have fallen somewhat: Blue Seal, 45l.; Green Seal, 61l.; White Seal, 64l.

Among the coal-tar products, etc., in which only a small business is being done, aniline oil has declined 3d. per lb. during the week to 1s. 9d. Beta-naphthol is again 3d. per lb. lower, offering at 4s. per lb. Paranitraniline is easier at 6s. 9d. per lb. Resorcin has declined, offering at 14s. to 15s. per lb. Toluols, xylols, cresylic acid, naphthalines, carbolic acid and crystals are all unchanged and quiet.

Essential Oils.

BUSINESS this week is as dull as ever. Some dealers report better inquiry, but actual buying and selling is almost at a standstill. Prices continue to be well maintained, for stocks appears generally to be in strong hands, and holders appreciate the difficulty of inducing buyers to come forward, however much price-cutting may be indulged in. Higher prices are being quoted for Japanese brown camphor oil, but there is no change in the price of white, which remains very firm. Algerian geranium shows a likelihood of an advance in the price of next crop oil. Star anise has receded slightly. Bois de rose is cheaper, and nutmeg oil shows a slight decline. Spearmint and wintergreen oils are on the easy side. Further cuts in the prices of aromatic and synthetic chemicals appear to be in progress. Coumarin and terpineol are easier. Forward quotations of certain articles, such as benzyl acetate and benzoate, citral, and methyl anthranilate, show a considerable decline. Safrol is cheaper.

ANISE, STAR, is slightly easier, with spot sales of "Red Ship" brand at 3s. 9d. per lb. The average quotation, however, is 3s. 10½d.

BERGAMOT.—No further change in the position is to be recorded. Spot is obtainable at 34s. to 35s. per lb., and forward quotations are given about 35s. to 36s. 6d. per lb.

Palermo on October 28, states: The reaction already reported has asserted itself still further, and some holders have been willing to accept lower bids.

BOIS DE ROSE (FEMELLE) is quiet and easier on spot with sellers at 44s. to 47s. per lb. For forward delivery 41s. c.i.f. is quoted.

CAMPHOR.—Japanese white essential is steady at 210s. to 225s. per cwt. Sales have been made, however, at 20½s. A parcel arriving at the end of this month is offered at 175s. landed.

CANANGA.—Spot holders quote from 23s. to 25s. per lb.

CASSIA is unchanged at 7s. 4½d. per lb. spot for 80-85 per cent. c.a., and in 5 to 10 case lots at 7s. 3d.

CEDARWOOD continues firm, and some dealers make the spot value as high as 4s. 3d. to 4s. 4d., although there are others willing to sell at 4s. in round lots. Figures below 4s. have been mentioned, but these do not appear to emanate from holders.

CINNAMON.—Spot sales have been made at 9d. per oz. for Ceylon leaf.

CITRONELLA.—Ceylon continues to be very weak. The spot price is nominal at 2s. 3d. per lb., with sellers at less. Java is also nominal at 5s.

EUCALYPTUS is expected to advance in price shortly. The present spot value is 3s. 2d. to 3s. 4d. per lb. for oils containing 60-65, 70-75, and 75-80 per cent. cineol. *Citriondora* is available on spot in limited quantities at from 18s. to 20s. per lb.

GERANIUM.—Algerian continues firm at last week's prices, from 42s. 6d. to 43s. 6d. per lb. being asked. Quotations at the source are higher, as much as 52s. c.i.f. being given as the forward quotation. As previously reported (*C. & D.*, October 2, p. 76), the October-November crop was expected to be less than normal, owing to growers finding more remunerative channels for their labours. Bourbon on spot has been sold at 40s. 6d. per lb., and forward prices range from 39s. 6d. to 41s. 6d. c.i.f.

LEMON is dull, and for good brands 5s. 8d. to 6s. per lb. is nominally quoted on spot.

Palermo reports on October 28: The position has been unchanged since last reported. Speculative purchases have cleared the market of parcels in the hands of needy holders, but the demand has been very quiet.

LEMONGRASS continues quite neglected, and is nominally 8d. per oz. spot. To arrive has been offered at 6½d. c.i.f.

LINALOE.—Mexican wood-oil is unchanged at 33s. to 34s. per lb. for spot. There is, however, practically no demand.

MINT is unchanged, with spot sellers of Kobayashi-Suzuki at 6s. 3d. per lb.

NUTMEG.—Spot sellers give 10s. per lb. as the price, which is slightly easier.

PATCHOULI has been in request at about last week's prices, which vary from 80s. to 85s. per lb. for spot, according to quantity.

PETITGRAIN.—Paraguayan is steady at 26s. to 28s. per lb.; to arrive the price is unchanged at 24s. 6d. to 25s.

SANDALWOOD.—The *Delta* has brought 331 cases of sandalwood oil from Bombay to London.

SASSAFRAS is unchanged at 11s. 3d. per lb. for American natural.

SPERMINT is lower on spot, holders now quoting 60s. to 65s. per lb. as a result of fair arrivals.

THYME.—Spanish red, containing 50 to 60 per cent. phenols, is easier at 11s. 3d. per lb. spot. French oil, 35 per cent., is available on spot at 10s. 10d.

WINTERGREEN (SWEET BIRCH OIL).—The spot value has declined, from 35s. to 37s. 6d. per lb. being now quoted.

Aromatic and Synthetic Chemicals.

AMYL SALICYLATE is obtainable at 9s. 3d. spot. BENZYL ACETATE is offered at 8s. per lb. spot and 6s. 8d. to arrive. BENZYL BENZOATE is lower at 8s. 6d. per lb. spot and 7s. 8d. to arrive. CITRAL is lower forward, at 21s. per lb. COUMARIN on spot is a shade easier at 22s. 6d. to 23s. 6d. per lb. HELIOTROPINE is unchanged at 22s. per lb. spot. METHYL ANTHRANILATE is unchanged at 25s. per lb. spot, but forward offers have been made at considerably below this figure. SAFFROL is lower at 4s. 6d. per lb. for spot; in large drums 4s. 3d. would be accepted. TERPINEOL shows a slight decline, from 4s. 6d. to 5s. being about the spot price. Stocks appear to be fairly good.

Leipzig Drug and Herb Market.

One of the leading dealers in Leipzig states, under date of October 27, that the position in drugs and narcotic herbs is very steady. Good prices are being paid owing to the fact that the visible supply in the growing districts is diminishing rapidly, and the winter's needs have not yet been covered by buyers. Owing to the low value of the reichsmark, foreign buyers have a great advantage, the following being to-day's prices per kilo., according to quality: Belladonna leaves, m.20 to m.25; stramonium leaves, m.25 to m.30; henbane leaves, m.32 to m.34; chamomiles, 1919 crop, m.22 to m.30; ditto, 1920 crop, m.40; sage leaves, m.5; black alder-tree bark, m.12 to m.15; paprika, whole, m.39 to m.42; first merchantable, 1920 crop, in bags, with Government seal, m.15; ditto, 1919 ("King") crop, m.26.50; "Rose" quality, m.33. The stock of alkanet root is almost cleared, and the prices asked are from m.22 to m.25. Prices for the German crop of root now in process of being gathered have not yet been fixed.

Italian Essential-oil Market.

Genoa, October 26.

The essential-oil market was dull during October, being greatly influenced by the increase in the foreign exchange. Most of the imported oils have increased in cost in proportion with the rise in the foreign exchange. The Italian peppermint harvest (*C. & D.*, October 30, p. 85) amounted to about 10,000 tons of leaves, which yielded from 25 to 27 tons of the essential oil of peppermint, equal to a value of 6,000,000 lire. Distillers paid 300 lire per ton for leaves, in some cases making 100 per cent. of net profit. The distilleries in Piedmont worked day and night for twenty-five days. The following current quotations, in lire per kilo., are given for essential oils and aromatic and synthetic chemicals in Italy, and are based on a rate of exchange of about 88.82 lire to the pound sterling.

	Lire per Kilo.		Lire per Kilo.
Almonds, bitter, s.a.p.	325	Juniper berry	130
Anise (Jp.)	100	Kummel rect.	110
Basil	400	Laurel	250
Bay	350	Lavender (Aosta)	310
Bergamot	275	" (ex Mittham plants)	550
Bois de rose	450	Lemongrass	150
Calajut (Jv.)	70	Mandarin	450
Cananga (Jv.)	260	Marjoram	120
Caraway	200	Mustard	450
Cardamom	1,200	Neroli (Ital.)	1,520
Cedarwood	60	" (Bigarade)	3,000
Chamomile	1,000	Nutmeg	175
Cinnamon (Cey.)	560	Origanum, 60 % cav.	200
Citronella (Cey.)	38	Patchouli	850
" (Jv.)	58	Peppermint (Piedmontese)	270
Clove	175	Petitgrain (Parag.)	305
Cognac, green	900	Red Thyme	95 to 100
Coriander	1,450	Rose (It.)	4,800
Cypress	220	" (Bulg.)	11,500
Eucalyptus	52	Rosemary (Sp.)	130
Fennel (sweet)	80	Sandalwood (Cey.)	770
Geranium	450	Sassafras	130
Gingergrass	200	Ylang-ylang	1,300
Hyssop	210		

Aromatic and Synthetic Chemicals.

	Lire per Kilo.		Lire per Kilo.
Amyl acetate	115	Citronellyl acetate	540
Amyl salicylate	150	Coumarin	370
Anthranelic acid	200	Eugenol (100%)	300
Benzaldehyde s.a.p.	120	Geraniol	195
Benzyl acetate	115	Heliotropin (100%)	320
Benzyl alcohol	190	Methyl anthranilate	340
Benzyl benzoate	140	Methyl ethyl acetate	850
Bromstyrol	345	Phenyl methyl acetate	275
Cinnamic acid	220	Saffrol	130
Cinnamic aldehyde	230	Thymol	1,100
Citral	550	Vanillin	960

Arrivals of Drugs, Chemicals, etc.

The following products have arrived at the ports named:

London
(October 11 to 18).
Chemical products, etc.: (Fr.) 597 cs., (Germ.) 30 pkgs., 7 cs.
Acetic acid (Holl.), 25 cks.
Alcohol (U.S.), 80 drms.
Antimony, crude (Ch.), 40 bgs.
450 cs.
Arsenic (Aust.), 69 cks.
Barytes, (Sp.) 200 bgs., (Belg.) 20 brls.
Bromides: (Germ.) potash, 10 cs.
Cobalt oxide (Ch.), 30 cs.
Magnesia chlor. (Hamb.), 26 cks.
Naphthalene (Amst.), 10 cks.
Naphthol (Holl.), 4 cks.
Oxalic acid (Holl.), 22 cks.
Potash salts (Amst.), 150 cks.
Saltpetre (E.I.), 235 bgs.
Soda caustic (Jp.), 172 drms.
Soda hyposulphite (Germ.), 200 brls.
Tartar. (Fr.) 507 bgs., (Sp.) 41 brls.
Zinc oxide, (Hamb.) 129 cks., (Antw.) 40 brls.
Coccol-butter (Amst.), 33 bls.
Drugs, crude, etc.: (N.Y.) 71 pkgs.; roots and barks (N.Y.), 60 pkgs.
Benzoin (Straits), 22 cs.
Camphor, (Ch.) 100 cs., (Jp.) 60 cs.
Cinchona (Holl.), 6 cs.
Cod-liver oil (Norw.), 37 brls.
Gentian (Fr.), 15 bls.
Ipecacuanha (R. Plate), 88 bls.
Juniper berries (It.), 100 bls.
Myrrh (Aden), 66 bgs.
Nux vomica (E.I.), 344 pkgs., 180 bls.
Opium (Tky.), 10 cs.
Orris (It.), 7 bgs.
Rhubarb (Ch.), 130 cs.
Tamarinds (E.I.), 41 cks.
Dyes, dyeing and tanning materials: dyes, (N.Y.) 350 cs., (Germ.) 3 cks., (Belg.) 162 pkgs.; aniline dyes (Holl.), 6 cks.; indigo (P. Said), 10 cs.
Egg products, etc.: albumen (Ch.), 851 cs.; yolk (Ch.), 475 brls., 1,313 cks., 243 cs.
Farina (Holl.), 2,622 bgs.
Gums, resins, etc.: acacia, 151 cs., 704 bgs.; copal, (S'pore) 203 cs., (Holl.) 66 bls., (Belg.) 185 bgs., (Manila) 362 bgs.; lac: shell (E.I.), 310 cs., 50 cts., 100 bgs., 1,100 pkgs.; mastic (Gre.), 15 cs.; resin (Fr.), 20 brls.
Mercury (Den.), 58 botts.
Oils, essential: (Straits) 8 cs., (Sp.) 3 drms., 6 pkgs.; anise (Ch.), 130 cs.; citronella (Holl.), 1 cs.; cassia oil (Ch.) 125 cs.; cinnamon (Cev.), 10 cs.; citronella (E.I.), 15 cts.; eucalyptus (Aust.), 15 cs., (Antw.) 5 drms.; lavender (Sp.), 6 cs.; geranium (Fr.), 7 pkgs.; lemon, (It.) 20 cs., (Sic.) 12 pkgs.; mint (Jp.), 98 cs.; orange (W.I.), 3 cs.; otto (Smyr.), 3 cs.; patchouli (Can.), 8 cs.; pepper-mint (N.Y.), 42 cs.; petitgrain (Argent.), 10 cs.; rosemary (Sp.), 2 drms.; sandalwood (Antw.), 22 cs.; spike (Sp.), 1 dr.; turpentine (Fr.), 340 cks., 200 brls.
Oils, fixed: coconut, (Cey.) 35 pkgs., (Antw.) 16 cks.; cotton (U.S.), 1,070 brls.; fish (Jp.), 1,500 cs., 10,000 brls.; herring (Jp.), 2,000 cs.; groundnut (Ch.), 5,000 cs.; olive (Fr.) 25 cs., (Sp.) 10 cs.; rape (Jp.), 2,000 cs.; rubber (Straits), 22 drms.; soy (Pol.), 400 cs.; tea (Ch.), 35 cks.; wood (Ch.), 114 cks.

Petroleum jelly (N.Y.), 100 brls.
Seeds: anise (Tky.), 72 bgs.; apricot kern. (Ch.), 216 bgs.; canary (Sp.), 55 bgs.; caraway (Holl.), 100 bgs.; lin. (Holl.), 100 bgs., (E.I.) 28,504 bgs.; miller (Smyr.), 174 bgs.
Soy (Ch.), 250 pkgs.
Spices: chillies (E.I.), 114 bls.; cinnamon (Fr.), 217 bgs.; ginger (Ch.), 250 cs.; pepper, (E.I.) 405 bgs., (Holl.) 369 bls.
Waxes: bees' (It.), 15 bgs.; ceresine (Hamb.), 130 bgs.; paraffin (N.Y.), 6,107 brls.; (scale) (U.S.), 367 brls.

Goole
(October 12).
Alizarine (Holl.), 3 cks.; aniline (Holl.), 41 cks.; indigo, synth. (Holl.), 124 cks.; naphthol (Holl.), 5 cks.

Hull
(October 11).
Acetic acid (Holl.), 41 cks.; ammon. chloride (Fr.), 6 cks.; aniline dyes (Holl.), 25 cks.; barytes (Germ.), 60 cks.; borax (N.Y.), 811 cks.; oxalic acid (Holl.), 4 cks.; easter (E.I.), 6,823 bgs.; seeds: cotton (Alex.), 5,354 tons 26,842 bgs.; lin. (Holl.) 50 bgs., (E.I.) 5,535 bgs.

Manchester
(October 4 to 8).
Aniline oil (N.Y.), 61 drms.; betanaphthol (N.Y.), 265 brls.; drugs (Germ.), 10 bgs.; dyes, (N.Y.) 16 brls., 12 bgs., (Germ.) 394 pkgs.; formaldehyde (N.Y.), 250 brls.; potash nitrate (Antw.), 110 pkgs.; soda bichrom. (N.Y.), 40 cs.; soda phosphate (Antw.), 53 brls.

(October 12 to 15).
Acetic acid (U.S.), 159 brls.; aniline (Holl.), 5,845 brls.; farina (Holl.), 575 bgs.; formaldehyde (Belg.), 60 drms.; formic acid (Holl.), 130 bls.; oxalic acid (Holl.), 32 cks.; sal-ammoniac (Holl.), 15 cks.; seed: cotton (E.I.), 26,475 bgs.; lin. (E.I.), 20,043 bgs.; wax, paraffin (N.Y.), 4,118 pkgs., 913 brls.

Southampton
(October 13 to 15).
Alcohol, rect. (P. Natal), 90 drms.; casein (Fr.), 363 bgs.; chemicals (Fr.), 9 pkgs.; cottonseed (Fr.), 1,579 bgs.; pharmaceuticals (N.Y.), 382 pkgs.; stramonium leaves (Alcoa B.), 13 bls.; wax, bees' (Fr.), 12 bgs.

Liverpool
(October 13 to 15).
Chemical products, etc.:
Acetic acid (U.S.), 161 brls.
Antimony ore (Ch.), 1,000 cs.
Arsenic (Aust.), 142 cks.
Barytes, (Sp.) 400 cks., 1,320 bgs., (Germ.) 94 cks., (U.S.) 438 brls., 96 x 2 brls., (Antw.) 300 bgs.
Cream of tartar (Sp.), 207 brls.
Hexamine (N.Y.), 10 bgs.
Potash bichrom. (N.Y.), 15 cks.
Soda bichrom. (N.Y.), 83 cks.
Soda nit. (Chile), 49,917 cks.
Soda phosph. (N.I.), 125 brls.
Drugs, crude, etc.:
Balsam tolu (N.Y.), 10 cs.
Podophyllum (N.Y.) 50 bgs.
Quillaia (Chile), 87 pkgs.
Senega (N.Y.), 30 bls.
Tuba roots (Straits), 41 bls.

Dyes, dyeing and tanning materials (N.Y.), 35 brls.; hemat. (N.Y.), 134 brls.
Egg products, etc.: albumen (Ch.), 348 cs.; yolk (Ch.), 1,364 cks., 88 brls.
Farina, (Holl.) 100 bls., (Jp.) 2,520 bgs.
Gums, resins, etc.: gum (W. Af.), 84 brls.; acacia (Egypt), 2,134 bgs.; copal, (W. Af.) 14 cks., (Belg.) 354 bgs.; cutch (Straits), 1,275 cs.; gambier (Straits), 298 x 2 cs.
Honey (Chile), 500 brls.
Kieselguhr (Sp.), 240 bgs.
Oils, fixed: coconut (Cey.), 73 pps., 6 pms.; groundnut,

(Jp.) 15,000 cs., (Ch.) 1,000 cs.; olive (Fr.), 45 cs.; palm, (W. Af.) 3,149 cks., 63 brls., (Holl.) 63 brls.; wood (Ch.), 30 cs.
Seeds: caraway (Holl.), 20 bls.; cotton (W. Af.), 172 bgs.; groundnuts (W. Af.), 16,285 bgs.; lin. (E.I.), 13,023 bgs.; palm (W. Af.), 101,612 bgs.; 613 tons 55 butts 5 drms.; rape (E.I.), 5,910 bgs.; sesame (Jp.), 625 bgs.
Soy (Ch.), 50 cks.
Spices: pepper (Straits), 495 bgs.
Waxes: bees' (W. Af.) 1,193 pkgs., 37 cks.; paraffin (N.Y.), 282 bgs., 800 bls.

London
(October 18 to 25).
Casein, (N.Z.), 1,000 cks., (Holl.) 130 bgs., (Fr.) 467 bgs., (E.I.) 255 bgs.
Chemical products, etc.: (Hamb.) 5 cs., (Fr.) 252 cs., 10 pkgs., (Holl.) 25 pkgs., (Swc.) 18 pkgs.
Acetic acid, (N.Y.) 40 cs., (Holl.) 77 cks., 53 pkgs., 2,000 djhs.
Antichlor (Holl.), 200 cks.
Argol, (It.) 30 cks., (Fr.), 231 bgs., (Port.) 204 bgs.
Arsenic, (Belg.) 26 cks., (Port.) 129 brls.
Barytes (Germ.), 70 cks., 150 bgs.
Bromides: potash (Hamb.), 50 cs.; soda (Hamb.), 10 cs.
Chloral (Fr.), 20 cs.
Cream of tartar (It.), 200 brls.
Fusel oil (Belg.), 5 drms.
Lactic acid (Hamb.), 15 cks.
Mercury, (It.) 300 fks., (Holl.) 200 botts.
Methyl alcohol (Swe.), 10 cs.
Naphthol (N.Y.), 63 brls., 15 cks.
Potash nit. (Chile), 20,124 bgs.
Saccharin (Holl.), 26 cs.
Saltpetre (E.I.), 1,000 bgs.
Soda bichrom. (N.Y.), 75 brls.
Soda sulphide (U.S.), 148 drms.
Tartar (Sp.), 197 bgs., 73 brls.
Zinc oxide (U.S.), 570 brls.

Egg products (Ch.): Albumen, 197 cs.; yolk, 648 cks., 152 cs.
Glucose (Jp.), 23 brls.
Gums, resins, etc.: Gum, (Antw.) 20 bgs., (Moroc.) 32 bgs.; acacia (E.I.), 119 bgs.; copal, (Macassar) 372 bks., 28 bgs., (Holl.) 280 pkgs., 225 bgs.; damar (Straits), 22 bgs.; kauri (N.Z.), 15 bgs.; lac: button (E.I.), 25 cts.; myrrh (E.I.), 13 bgs.

Honey, (N.Z.) 141 cs., 560 cks., (Dar-es-Sal.) 57 cs., 14 drms.
Lime juice (W.I.), 21 pms., 7 cks.

Lithopone (Belg.), 200 brls.

Oils, essential: Unrated, (Germ.) 1 cs., (It.) 12 cs., (N.Y.) 62 pkgs., (Straits) 7 cs., (Denm.) 2 cs.; bergamot (It.), 58 cs.; cedar (U.S.), 2 drms.; citronella (Galle), 4 drms.; eucalyptus (Aust.), 136 cs.; lavender (Fr.), 1 cs.; lemongrass (It.), 1 dr.; 36 cs.; lemon (It.), 37 cs.; linaleo (U.S.), 5 cs.; mint (Jp.) 258 cs.; patchouli (Straits), 8 cs.; peppermint, (U.S.) 42 cs., (Germ.) 3 cs.; petitgrain (It.), 1 cs.; rosemary (U.S.), 1 dr.; sandalwood, (Germ.) 6 cs., (W. Aust.) 4 cs.; sassafras (N.Y.), 5 cs.; wormseed (U.S.), 2 cs.

Oils, fixed: Olive, (Sp.) 200 brls., 25 cs., (Fr.) 24 cs., 10 pkgs., (Belg.) 70 brls.; palm (Jv.), 145 cs.; soya (Jp.), 1,000 cs.; wood (Jp.), 150 cks.

Petroleum jelly (N.Y.), 250 brls.

Seeds: Canary (Moroc.), 1,050 bgs.; caraway (Holl.), 125 bgs.; copra, (Straits) 2,633 bgs., (Zan.) 5,393 bgs.; coriander (Moroc.), 110 bgs.; cotton, (N.Y.) 600 brls., (S. Amer.) 1,818 bgs., (Fr.) 45 tons; cumia, (Malta) 19 bgs., (Moroc.) 130 bgs.; feungreek (Moroc.), 1,264 bgs.; groundnuts (E. Af.), 1,280 bgs.; lin. (E.I.) 44,840 bgs., (Moroc.) 4,334 bgs., (R. Plate) 12,506 bgs.; sunflower (Natal), 100 bgs.

Spices: Chillies, (E.I.) 97 bdl., (E. Af.) 13 bls., 140 bgs.; cloves (Zan.), 900 bls., (stems) (Zan.), 80 bls.; ginger, (Cochin) 123 pkgs., (W.I.) 372 bgs.; pimento (W.I.), 50 bgs.

Vanilla (Fr.), 4 cs.
Waxes: Bees' (Alex.) 16 bls., (E. Af.) 106 bgs., (Moroc.) 10 bgs.; paraffin, 880 brls., 510 cs., 2,575 bgs., scale (U.S.), 473 brls.

Goole

(October 18 to 21).

Aniline dyes (Holl.), 89 cks.; hydrogen perox. (Germ.), 50 bls.



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

The Dentists Act Amendment Bill.

SIR,—As a simple act of justice to pharmacists practising dentistry, the five-years' limit, as mentioned under Section 7, paragraph 206, should not appear in the forthcoming Dental Bill. If it should, and becomes a part of an Act, a piece of class legislation will result. It is hard to say why it should ever have been recommended in the Departmental Committee's report, and it savours somewhat of the nature of a conspiracy against pharmacists because they are pharmacists, as no other class interested has been specially singled out for special and, what we think, penalising conditions, before and after proposed registration. In the Act of 1878 pharmacy was specially mentioned, and was thought worthy to be classed on an equality with the practice of medicine and surgery, and Section VI. of that Act provided that any person who at the passing of the Act was *bona fide* engaged in the practice of dentistry or dental surgery, either separately or in conjunction with the practice of medicine, surgery or pharmacy, should be entitled to be registered—a precedent which surely could well be followed, and which would be worthy of the promoters of the forthcoming Dental Bill. Paragraph No. 206, Section 7, of the Dentists Act Committee's report has always appeared to us rather stingy, and quite unnecessary. We have no knowledge as to why this attitude is shown to us in this part of the report, and no argument or reason has been given for it in order that we might be able to meet it. The members of the Chemists' Dental Society have a very good record, and carry on the practice of dentistry in an ethical professional way, and, so far as we are aware, no charge has been made in public that certain malpractices usually connected with dental companies exist among its ranks, and yet we are specially singled out for these penalising conditions. Under the Dentists Act, 1878, there were, according to a statement made, I think, by Sir Donald MacAlister, 4,006 persons names placed on the Register who were previously unregistered, and of that number there were estimated to be 2,000 chemists placed thereon without any suggestion of penalisation whatever. We hold there should, in common justice, be none now, and that pharmacists who have been in practice in dentistry for the stipulated time shall be allowed for life to be free to practise concurrently pharmacy and dentistry, if they so desire. There is an allusion in the report to persons (Section 4, p. 15, paragraph 45 (b), reply) who would presumably be entitled to go on a new Register, who are educated so indifferently in dental matters that they "could not educate their patients in the care of their teeth, and their ignorance of serious evils that follow toxic infection from teeth and gums." No charge of a like nature could be substantiated against a member of the C.D.S., we make bold to say, and yet we have this penalty of five years' limit facing us, while the class of the unregistered described in the report have no such penalty attached to them. Imagine, too, the humiliation a self-respecting pharmacist would be reduced to in having to give up pharmacy or dentistry after practising both for, say, fifteen, twenty, or thirty years, and building up a reputable practice to the satisfaction of the people around him—and at a distance. I might be permitted to cite a case which may appear exceptional to you, that I heard of a few months ago, in regard to the recommended prohibition of concurrently carrying on the two practices. A chemist (now dead) who carried on the two professions made a will in which was a provision whereby a son (also a chemist) was left the two practices on the understanding that the proceeds of the

practice of dentistry should be handed over to the widow for her maintenance. Here, at any rate, is a clear case where probably a serious hardship and inequality would accrue if the recommendation contained in Section 17, paragraph 206, were translated into an Act. Charity at least would say here, "Hands off!" It is difficult to see where there would be any public disadvantage to allow us to carry on as hitherto under the forthcoming Dentists' Bill, and we do say there may be a considerable public advantage. There is certainly no public disadvantage known or cognisant to us. If the time limit was included in the report by the influence of interested people (I mean by a section of our unregistered *confères*) the reason is obvious; but there is no public disadvantage on that score, and surely we are not expected to prove that there is "some special public advantage" in a pharmacist conjointly carrying on the two professions if there be no special public disadvantage.

Yours truly,

J. Y. FAIRWEATHER,
Treasurer of the Chemists' Dental Society.

After the Test Case.

SIR,—Now that the test case has definitely laid down what the Pharmaceutical Society cannot do for its members in connection with trade matters not included under the Charter of Incorporation, when and where is the inaugural meeting to be held of the Pharmacists' General Trade Association, which will make these things its principal objects? Yours faithfully,

PROSPECTIVE. (19/9.)

SIR,—In spite of Mr. Justice Peterson's opinion the Pharmaceutical Society intend proceeding with the new by-laws. Now, from an assistant's point of view as regards paragraph (g) of Clause 7, would it not be of vital interest to satisfactory employers and satisfactory employees if a further paragraph (j) were added, giving a list of unsatisfactory employers? There are sons of assistants and former assistants now employers who can tell tales of unsatisfactory employers, some of them churchwardens, J.P.s, councillors, and what not, all pertaining to the halo of sanctified and honoured respectability. Yours truly,

T. W. R. (3/11.)

SIR,—The test case being now over, one wonders how the situation is going to be tackled. There can no longer be any doubt, even in the minds of the most reactionary, that the whole matter must now be settled by the formation of a trade union, called such or camouflaged by some other title. Pharmacists are still in the habit of looking to the Council of the Pharmaceutical Society for a lead in all matters, but it appears to me, though perhaps wrongly, that their hands, and even those of the Local Associations Executive, are tied, so long as the latter remains a Sub-Committee of the Council. While this is so, I cannot see that either body has power even to call a conference to discuss the formation of an Employers' Association. The first step to be taken in solving this new problem should therefore be carried out by the Council, resolving that the L.A.E. be no longer a part of the Society's organisation. Not only, however, am I afraid that this will not be done without a fight, but I feel certain very little will be attempted until after the turn of the year. The result will be that, as the Council election will then be drawing near, another of the usual annual squabbles will take place over unimportant details. For years now London in particular has been split up, with neither gain to herself nor to pharmacy in general, and I am hoping that, if this union question is tackled immediately, and with enthusiasm, by the London associations, we shall go far in the creation of a body for which many of us have patiently awaited for the last eight years. I suggest, therefore, that every London association should discuss the matter this month, and pass some such resolution as the following:

That this Association urges the Executive of the London Association to immediately set up a sub-committee to deal with the urgent question of the creation of an employers' trade union.

London is in a unique position and can show a tremendous example of enthusiasm and unity, and in so doing will not be usurping the rights of anyone in the provinces, but will rather help them in their more or less isolated positions. The matter is urgent; let us deal with it while we can examine all sides coolly, and before we are heated and lose our sense of proportion over the scramble of one or two men to get on the Council.

71 East Hill, Wandsworth, Yours faithfully,

London, S.W.

E. A. ATKINS.

Proprietary Medicines Bill.

SIR,—In regard to the suggestion in Great Britain to compel disclosure of the formula of a proprietary medicine on the label, the best opinion now is that this leads to injury to the public. One proprietary medicine very popular in Australia and New Zealand originated, as so many others have, in a chemist's shop, and the proprietor at first stated the formula on the label. The result was that in very many cases other people made up inferior or inaccurate copies from the prescription, which led to great dissatisfaction on the part of the public. Actual injury is, by the nature of the case, very difficult to prove, but the inferiority of the mixtures was evident from the samples that were produced by complainants. The proposal to compel the publication of the formula was defeated also in New Zealand, and the provisions of the Anti-Quackery Bill, giving the Health Department control over any medicine brought under their notice as injurious or objectionable, has apparently been sufficient to cleanse the trade. Proposals are being made in Australia from two directions for voluntary efforts at the control of the trade. The Institute of Advertising, at the second annual Convention, proposes the establishment of a Bureau of Better Business—the first step being voluntary effort in each State to bring moral pressure to bear upon the proprietors of newspapers and upon advertisers to cleanse the advertising from objectionable features. In Victoria, the Pharmacy Board has been asking for powers to control the most objectionable features of the trade, and a suggestion has been made in New South Wales that pharmacists should create a voluntary bureau or censorship to suggest to pharmacists the action to be taken as regards the sale of any particular medicine which may be considered objectionable. Medical men in Australia recognise, and have said so in public, that it is impossible to prevent chemists from prescribing, opticians from testing sight for spectacles, and, though not expressly mentioned, ordinary traders from selling ordinary proprietary medicines. Occasionally in Australia the statement is made that the sale of proprietary medicines is good for the doctors, because it sends patients finally to them. But that statement is not swallowed in Australia, for "The Australian Medical Journal" has, on occasion, admitted that the trading spirit has entered into the medical profession, and no one would believe for a moment that if the sale of proprietary medicines really increased the number of patients for the doctor, any objection would be raised to the continued sale. At the same time pharmacists throughout Australia have the strongest objection to the methods of advertising and the claims made for medicines of the objectionable class, and they are always ready to support any movement which appears to be practicable that would cleanse this particular trade from all features objectionable or injurious to the public. Medical men and professional men are not regarded as being likely to devise practicable measures. Some hesitation is felt on the part of pharmacists to make any definite proposal, because of the ready cry that this is being done for purely interested purposes. I am writing this so that home chemists may know what Australian chemists' opinions on the matter are.

Yours sincerely,

AUSTRALIAN CHEMIST. (30/9.)

Wages in Pharmacy.

SIR,—The question of wages and unemployment goes round and round without any satisfactory answer. The issues involved are so complex that it is difficult to know

where to make a start. The fundamental fact is that a qualified man who received 3*l.* weekly pre-war should now receive about 7*l.* if his wages are to be on a par with the increased cost of living, and to be raised equally with those of railway porters, policemen, and scavengers. At the moment, however, the average rate seems to be between 4*l.* and 5*l.*, which is obviously inadequate. From the employer's point of view retail prices in the drug-trade have not advanced in anything like the ratio of prices in other retail businesses. A 1*s.* 3*d.* proprietary article now retails at 1*s.* 3*d.* instead of 10½*d.* or 1*s.*, a mixture is dispensed for 1*s.* 6*d.* against 1*s.*, and 1*l.* packed lines sell at 1½*d.* or 2*d.*; in no single instance, except perhaps the 2*d.* tablet of soap, now 5*d.* and on which there is little profit, has the pharmacist's price risen to the estimated 165 per cent. increase. And if a chemist did charge at this rate, what would the profiteering tribunal say? It is a strange anomaly that a restaurant summoned for charging 6*d.* for a 2*d.* banana can successfully plead charges for service, but a pharmacist charging a dispensing-fee is convicted on the ground that it is a sale of drugs only. A doctor when he sends in an account puts the amount down in one lump sum, "To professional services and medicines supplied," the patient has not the slightest idea of the items he is paying for; but if a chemist were to do this he would soon be called upon to explain his bill. It is therefore obvious that, in spite of larger returns, the pharmacist proprietor's ability to pay has not increased *pro rata* with the wage demand, and now the throwing on the employment market of a larger number of men than can be placed has, following the natural law, caused wage-cutting to obtain berths. A fact that has an important bearing on the employment question is that while it is compulsory for a person to be qualified to retail poisons to the public, there is no restriction as to who should dispense them, and attention to this might ameliorate the condition of the unemployed qualified man.

Yours faithfully,

HEAR BOTH SIDES. (29/10.)

SIR,—I am quite disappointed in the comments of "Xrayser II." on my letter of a fortnight ago. Usually he is scrupulously fair in his criticism, but to my mind he has failed in that he omits any reference to my letter as a whole. It may interest him to know that I fought hard and long against the publication or even discussion of the wages scale of the Drug Union—so hard that I was turned out of the local branch to which I belonged. I opposed these minimum-wage figures not because I thought them outrageous, but because the time was not ripe, neither was the method of dealing with the subject the right one. I had not realised then how bitter the employers were in their attitude towards their present assistants and future colleagues, but I had visions of an even-tempered round-table conference on the subject which might have been the outcome of an improved state of affairs for the trade. Has "Xrayser II." compared the wage pre-war and the wage post-war in the light of the 164 per cent. increased cost of living; then has he put these figures beside the pre-war employers' profits and the post-war profits? I do not think that I exaggerate in stating that the ratio of increase for the assistant has not advanced at a similar rate to the net profit of the employer. Before "Xrayser II." talks of reducing his staff and making more for himself, I think he should give justice to the assistant and not merely sack him because he wishes to live decently and endeavour to save a little towards becoming an employer himself. It is a harder proposition for an assistant to follow the natural sequence by saving for a business nowadays than it was before the war.

Yours faithfully,

SCAR GILL. (3/11.)

The Therapeutics of Fasting.

SIR,—The *C. & D.* is to be congratulated on being the first to publish an article on the subject of fasting and very little has been added to the information given to your readers by "M.D., L.P.S.I." (*C. & D.*, September 25, p. 93). "The Lancet" article the week before last drew attention to some famous fasts, but a paper in the current issue of "The Hospital" takes the line that

provided certain precautions are taken, it is well-nigh impossible to die of starvation. The writer gives a formidable list of famous "fasters," which is worth recording. The first on the list is Succi, the Italian, whose name will be familiar to those of your readers who are old enough to have been *habitués* of the Westminster Aquarium. He fasted thirty days on several occasions, once forty, and once forty-five days. Dr. Tanner, whose name will also be remembered by your older readers, fasted forty days; Merlati, fifty days; Gayer, forty days; and Sevazin, thirty-one days. Bérard, a French physician, records a case of a convict who lived sixty-three days without food! In addition to these human fasters there are recorded numerous experiments on dogs. A Scotch collie holds the record with a fast of 117 days. During the fast he was able to leave his cage on the 101st day, and wag his tail and bark vigorously at the end of the experiment. After the fast he was sent to a farm, and not only recovered his strength and vigour rapidly, but subsequently performed a fast of 104 days. During this fast of 117 days the collie lost 62.9 per cent. of his weight, and the result of careful experiments made on the fasting men shows that they lost 20 per cent. of their weight in thirty days. All the professional fasters sat upright, climbed stairs, went for drives, and lived more or less normal lives. This meant great waste of heat and energy, which they were taking no food to replace, but even under these conditions it would appear that the average man or woman in a good state of health and nutrition could stand a fast of two to three months. It is well known, however, that a man sitting or standing burns away more tissue than when lying down, and a little exercise, brain work, or writing greatly increases his metabolism. There can, therefore, be no doubt that the consumption of the fasters' tissues is considerably less if he is kept supine. Still more economy can be effected by keeping the faster in a moist atmosphere heated to 98°. It is essential to life that the body be maintained at a temperature of 98° or thereabouts, and, therefore, if the surrounding air is below this temperature, the body has to burn up its own tissue to maintain the body heat. All who have been in the tropics will remember that when heat production was rendered unnecessary by the surrounding climatic conditions appetite and energy failed. If fasters living under unfavourable conditions were able to live for forty-five days at the expense of 25 per cent. of the body weight, there seems no reason why under really favourable conditions they should not last one hundred days! Life can be almost suspended without death resulting, as evidenced by many recorded cases of catalepsy, where respiration and circulation were imperceptible. The hibernating bat requires so little oxygen that it will survive fifteen minutes' immersion in water, and the marmot during its winter sleep will live for hours without oxygen at all! Fasting Indian fakirs have been kept for weeks in closed coffins, and have then "come to life" again, so that, if life can be reduced to a low enough ebb, it can be maintained for long periods without food. The Irish hunger-strikers have fasted under politically tragical but physiologically favourable conditions, and there seems little reason to doubt their abstinence from food. It is interesting to remember that the Irish have more than once been almost exterminated by famine, and it is, therefore, suggested that the descendants of the survivors of those great national "fasts" may have special powers of resisting starvation. Perhaps the most striking point of the "Hospital" article is the statement that men die rarely from starvation, but lowered vitality paves the way for the "captains of the men of death." Modern science has shown that "man does not live by bread alone." A man may be given plenty of food and still be starved. In addition to the chemical constituents, there are elusive elements called "vitamines" which are essential to life and health. Their absence causes scurvy, rickets, beriberi, and other diseases. It will be interesting to know whether the Irish hunger-strikers are dying of starvation or of vitamine privation?

Yours sincerely,

INDIAN PHYSICIAN. (1/11).

Local Association Meetings.

SIR,—The paragraph in "Xrayser II.'s" "Observations and Reflections" (*C. & D.*, October 30, p. 79), regarding the President of a local Association who upset his members by a tactless circular, draws attention to the fact that these meetings are not so well attended as they should be. But, on the other hand, the officials of these Associations are frequently as much responsible for this as the ordinary member, for from my own experience I find that the meetings tend to become "cliquey." That is to say, there are a few leading lights who form the policy of the Association, and the members are expected to conform, whether they like it or not; and if a member ventures to get up to criticise or oppose the resolution before the meeting he is either snubbed or squashed. It might be said that in such a case the Association has it in its own hands at the annual election of officials, but we are not all of us so favourably situated as regards the time available to take on the duties of such a position, and it often happens that no opposition candidate comes forward. If Presidents and committee-men generally would be a little more encouraging to the unassuming member, who frequently has views to put before the meeting, they would doubtless find it unnecessary to whip the attendance up with circular-letters, tactless or otherwise.

Yours, etc.,

TACTFUL. (29/10.)

Pharmacy in Parliament.

SIR,—Of the three learned professions there is no question which has most power in the land and which guards most jealously the portals of entry and the practice of its craft. There are many ways of becoming a parson or a doctor, but there is only one way of becoming a barrister. The single portal is not held very widely open, and when "the Bar" want any change in their position they have only to ask for it to get it. Why? The reason for this is that the Bar is well represented in Parliament and has no difficulty in expressing its wishes or its grievances. Pharmacy, *au contraire*, stands a chance of being an inarticulate body, with no means of making the public know and feel its difficulties. Now Mr. Woolcock has announced that he is not seeking re-election to a Parliamentary seat, so our position is worse. What is wanted is a more or less independent pharmaceutical representative in the House of Commons. The doctors, after years of lethargy, have awakened to the need for representatives in Parliament, and at the next General Election more doctors will seek to enter political life. If chemists could induce a man of the stamp of Dr. J. C. McWalter to enter Parliament as a pharmaceutical member he would soon remedy many of their grievances. Pharmacists are timid folks, living like coneys in their holes—the "back shops"—and rarely seeking the platform or the committee room; but these are stirring times, and it behoves every man who has the interest of his craft at heart to come out into the political sunshine and throw in his lot with those who are striving to play their part in the great game of life. "Wake up, Pharmacy!" or heaven knows what form the next dilution of the Register may take.

Yours truly,

PHARMACEUTICAL POLITICIAN. (30/10.)

The Use of Iodine.

SIR,—The value of iodine as a remedial agent, to which "Veteran" draws attention in the *C. & D.*, October 30, p. 95, is perhaps not so well known to pharmacists generally because of the fact that the inherent vices of its older presentations—tincture and liniment—preclude its application in such a wide range of conditions. While to some extent the irritant, staining, and escharotic effects of iodine are mitigated in ung. iodi denigrescens, yet, as Martindale (1925) says of this ointment, it is "found unsatisfactory—not of constant composition." However, the mass of clinical testimony which we have received, and continue to receive, from the profession does indicate that iodine, when shorn of its vices as presented in iodox, has an unlimited field in external iodine therapy.

Yours faithfully,

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Appreciations.

I feel lost without my *C. & D.*, and out of touch with the trade.—*J. J. O.* (2/11).

Please find enclosed 1*l.*, in payment of another year's subscription to your paper. We regard your paper as invaluable. The cost can be recovered, with considerable interest, even by a man in a small way of business, by the knowledge he will gain of market prices, through studying your columns. Also, your continual efforts to safeguard chemists' interests is worth a minimum annual levy of 1*l.* per head, even if you gave nothing else in return.—*P. B.* (215/23.)

Legal Queries.

B. E. H. (1/11) asks what stamp is required upon a receipt for a loan of 450*l.* [If the document in question is a mere acknowledgment of the receipt of the sum mentioned, a 2*d.* stamp is all that is required.]

M. P. S. I. (2/11).—(1) The Pharmaceutical Licence examination of the Pharmaceutical Society of Ireland is accepted for registration in the various States of the Australian Commonwealth. (2) ASSISTANTS' WAGES IN IRELAND.—The Dublin scale printed in the *C. & D.*, December 7, 1918, p. 36, gave the minimum weekly salary of an unqualified assistant in the third year of apprenticeship as 52*s.* 6*d.* for men and 42*s.* 6*d.* for women. The "all-Ireland" scale claimed last year named a much higher figure, but this scale is not in force so far as we are aware.

Grypso (1/11).—(1) The title "Bronchial Balsam" on a label renders the preparation liable to medicine-stamp duty, and the article can only be sold by persons holding a medicine licence. (2) The use of a registered trade-mark in connection with the title of a medicine is in most cases a claim to proprietary rights in the article. (3) The use of a trade-mark or the possessive case on fluid magnesia does not involve liability to medicine-stamp duty as the article is specifically exempted from duty. (4) Camphorated oil without a recommendation on the label may be sold by persons not holding a medicine licence.

H. L. (26/10) is the tenant of a combined house and shop, in London, at a rent of 80*l.* a year. He is responsible for all the repairs. He sub-let the residential portion of the premises some time ago, and asks whether he is entitled to raise the rent of the house in addition to charging the sub-tenant with the increase in rates. ["*H. L.*" is entitled to increase the rent of the house let under the sub-tenancy by a maximum amount of 30 per cent., of which 10 per cent. probably cannot be charged until after July 2, 1921. In any case, the present sub-tenancy must be terminated by proper notice before the rent can be advanced. If the sub-tenancy was not entered into prior to August 4, 1914, it will be necessary to ascertain the net rent upon which the increase is to be based, and in default of agreement between "*H. L.*" and the tenant of the house the amount will have to be settled by the County Court.]

Miscellaneous Inquiries.

G. H. J. (2/11).—STEAMY WINDOWS, PREVENTIVE.—A film of glycerin on the glass prevents the condensation of moisture in enclosed shop-windows. The glycerin is smeared on by means of a saturated rag.

W. R. (31/10).—A review of Knapp's "Cocoa and Chocolate" (Chapman & Hall, 12*s.* 6*d.*) was published in the *C. & D.*, October 2, p. 61.

A. W. P. (1/11).—WORM POWDERS FOR CHILDREN.—The following meets your requirement :

Pulv. scammonii	3ij.
Pulv. aromat.	3iv.

Dose : For two years, 2 gr. ; three years, 3 gr. ; and 1 gr. for each year up to fourteen years.

A. J. C. (30/26).—COUGH ELECTUARY FOR HORSES :

Camphor.	5iv.
Ext. bellad.	3iv.
Ac. acet. dil.	3ij.
Mellis vel theriacæ	3x.
Misce.	

Dose : A tablespoonful twice a day smeared on the tongue.

Selvyt (31/10).—(1) KIDNEY AND BACKACHE MIXTURE.—The following is the formula of the mixture of which you give a reference number :

Potass. bicarb.	3iij.
Potass. nitr.	3ij.
Inf. buchu conc.	3vj.
Tr. hyoscyami	3iv.
Aq. chlorof. ad	3vj.

(2) COMPOUND CARBOLIC OINTMENT :

Hydr. ammon.,	
Ac. carbol.,	
Zinci oxid.	aa. 3j.
Paraffin. dur.	3vj.
Paraffin. moll.	3xvj.

W. H. H. (2/11).—CHILBLAIN LINIMENT (No. 3, *C. & D. Diary*, 1904) :

Ammon. chlor.	3ss.
Ac. acetic.	3iss.
Spt. rosmarini	3j.
Aque	3ivss.

J. W. (8/10).—LUNG TONIC.—The formula for which you inquire is as follows :

Coltsfoot,	
Linseed,	
Horehound	aa. 3j.
Liquorice extract	3ij.
Chorodyne	3x.
Anise oil	5j.
Oxymel of squills	3lxiv.
Syrup of poppies (B.P. '85)	3xx.
Tincture of capsicum	5iv.
Treacle	3lxiv.
Boiling distilled water	3xl.

Dose : Ten to sixty drops.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Nov. 15, 1870.

An Evening Meeting.

At the evening meeting of the Pharmaceutical Society, held at Bloomsbury Square on November 2, the first of the season with the exception of that which we reported last month, when Mr. Schacht delivered the inaugural address, there were rather fewer than fifty gentlemen present. This number included two members of the Council, both of London, the professors connected with the Society, not more than half a dozen gentlemen in business, and a sprinkling of students and assistants. Mr. J. B. Barnes had gone to considerable trouble to prepare a paper on the preparation of fresh infusions which should have called forth an interesting discussion, and those who were present evidently appreciated his pains and recognised the value of his experiments. Surely the pharmaceutical chemists of the metropolis, who claim to be so much interested in the advancement of their profession, could make a more respectable show than this once a month; and we think, too, that occasionally the benches might be graced with the presence of one or two of the councillors from the provinces, especially as it would seem that in that hope these meetings are fixed for the evenings following the days when Council meetings occur.



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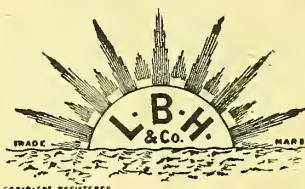
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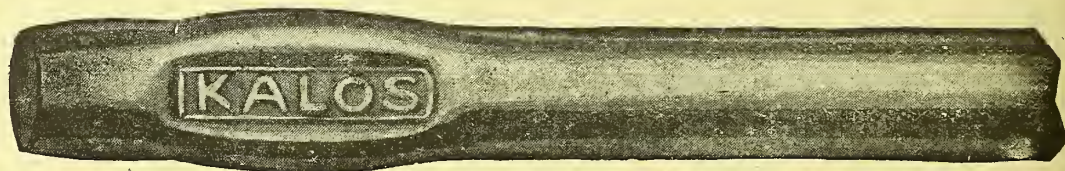
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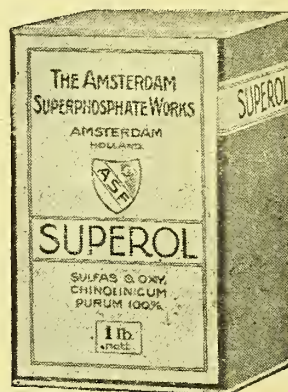
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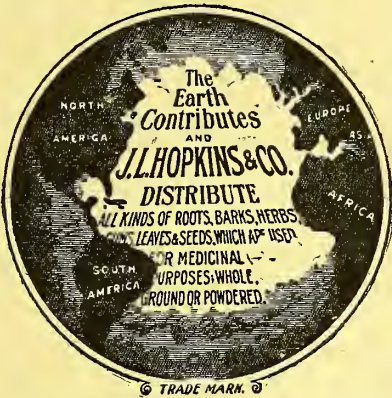
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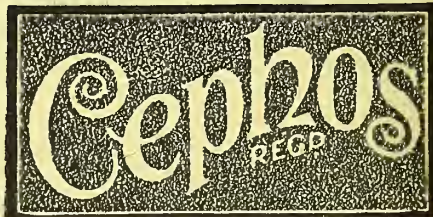
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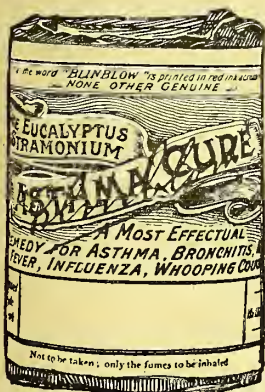
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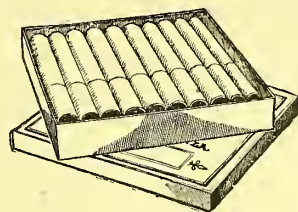


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3 dozen	-	-	11/6 doz. net
12 dozen	-	-	11/- doz. net

ORDER THROUGH ANY WHOLESALE HOUSE.

SPUN OINTMENTS

ARE USED THE WORLD OVER.

TWO NEW LINES IT WILL PAY YOU TO STOCK

"NUXOCOL"

LIQUID COCOA-NUT OIL SHAMPOO.

Beautifully packed. First-Class seller.
Guaranteed to contain 20% Purest Cocoa-Nut Oil.

12/- doz.

Sells at 1/9.

ZINCO-SULPH. CREAM.

*For Pimples, Blackheads,
and all Skin Troubles.*

Run this in combination with a Sulphur Soap—thus
enabling you to secure a double sale.

Price 7/- doz.

Sells at 1/-

ROBERT BLACKIE, WHOLESALE
MANUFACTURING CHEMIST,
"SHEN WORKS," Tower Bridge Road, London, S.E. 1.

Telegrams: "Ushenspuna London."

CONTRACTOR TO
H. M. GOVERNMENT

Telephone: 2145 Hop.

D.D.D. Prescription

FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying
a steadily increasing sale. On the P.A.T.A.
protected list, giving the retailer a profit of 25%

TRADE PRICES.

D.D.D. Prescription	3/- bottle, M.R.P. Face Value,	per doz' @ 27/-
" "	5/- " " " "	" 45/-
" "	12/- " " " "	" 108/-
In two strengths, Ordinary and Strong.		

D.D.D. Soap	... 1/3 tab. M.R.P. Face Value,	per doz' @ 11/3
" Shaving Soap	1/6 stick " " "	" 13/6
" Vanishing Cream	2/6 jar " " "	" 22/6
" Shampoo Powders	2/6 box " " "	" 22/6

Carriage paid to any part of the United Kingdom.

Showcards &c. Supplied Free.

D.D.D. Co., Ltd.

3, 5, 7 Fleet Lane, Ludgate Circus, London, E.C. 4

SYRUP

ROBORANG

(ROBERTS)

Recognised by the Medical Profession as

THE BEST TONIC.

Supplied in 8-oz. and 16-oz. Bottles by all the
Wholesale Houses.

Inquiries Invited for
**NEW & RARE
MEDICINES**

of French, Italian and Russian Origin.

ROBERTS & CO.,

76 New Bond Street,
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5 Rue de la Paix,
Paris.

Telephone: 787 TRAFFORD PARK.

Telegrams: "STEVENUT MANCHESTER."

CONTRACTORS TO H.M. GOVERNMENT.

G. STEVEN & CO.

(G. STEVEN, Ph.C., M.P.S., PROPRIETOR)



TABLETS

Manufacturers of all kinds of Medicinal Tablets, plain sugar and chocolate-coated, packed and in bulk. We are now prepared to supply large quantities of

Bronchial Tablets
Pine Compound Tablets
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Bismuth and Magnesia Tablets

EMULSIONS

Cod Liver Oil Emulsion, packed and in bulk. Prepared from Norwegian Oil by the most up-to-date process.

Petroleum Emulsion, packed and in bulk.

SYRUPS.

We specialise in all classes of Medicinal Syrups. Our Syrup Ferri Phosph. Co., Syrup Hypo. Co., &c., are unrivalled for brilliancy, taste & keeping properties.

"NIOBE"

"Niobe" Specialities are now in great demand. All products are guaranteed and profitable to handle. No. 118 Eau de Cologne is unique and requires no advertisement.

Wholesale Chemists, Druggists and Drug Grinders,
Cornbrook Works, Chorlton Road,
MANCHESTER.

Francis F. Fox & Co. : Bristol

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METHYLATED SPIRIT
CHEMICALS
DRYSALTERY

PRICES ON APPLICATION.

TELEGRAMS—
"FOX BRISTOL."

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19 BRISTOL.

We offer

WAXES

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B.P.

—

WHITE OILS

—

Send us your inquiries.

J. J. FRANCES & SONS,
LIMITED,
80a Southwark St., LONDON, S.E. 1.

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ALL GRADES

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Telephone No. :
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Castor Oils, *Medicinal,
Lubricating.*

Colza Oils, *Best Pure,
Prepared.*

Linseed Oils,

*Best Raw,
Double Boiled.
Refined,*

Turpentines,
Best Pure Spirits.

Substitutes,

Best Grades.

Samples and Prices on Application.

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Telegrams—"Tallowdom London."

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TECHNICAL AND MEDICINAL
WHITE OILS.

PETROLEUM JELLIES.

PARAFFIN WAXES.

NEUTRAL OILS.

Debloomed and Undebloomed.

PALE & RED LUBRICATING OILS.

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W. J. SMITH, *SOLE EUROPEAN
REPRESENTATIVE,*

THE JAMES B. BERRY'S SONS CO. Inc.

110 Cannon Street, London, E.C. 4.

CHEMISTS' OVERALLS

From **GARDINER & CO.**

We supply protective overalls in any colour or style required. They are made by experienced hands for all branches of the Chemical trade.

KHAKI DRILL	-	17/6	21/-	26/6
WHITE DRILL	-	17/6	19/6	
BLACK DRILL	-	19/6		

Sizes 34, 36, 38, 40, 42 and 44 inches over waistcoat.

SPECIAL QUOTATIONS FOR QUANTITIES.

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GUARANTEED PURE.

Pharmaceutical, Firsts and Seconds.

THE HULL OIL MANUFACTURING CO., LTD. - HULL.

Pioneers of the Castor Oil Industry in England.

WE SOLICIT YOUR ENQUIRIES FOR:—

OLIVE OILS, finest cream edible, B.P.
 SALAD OILS
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 TURPENTINE, American Spirits and Substitutes
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 LUBRICATING OILS of all descriptions

JAMES ARNOTT & SONS, Ltd., Newcastle-on-Tyne and Cardiff.

Registered Offices: 47 PILGRIM STREET, NEWCASTLE-ON-TYNE.

*White &
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WHITE PETROLEUM JELLIES
 WHITE REFINED
 PARAFFIN WAXES

HILTON, RIDER & CO. LTD.
 Manufacturers, Importers, Exporters.
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**BRILLIANTINE
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Any Quantity—from Stock.
 Wholesale Only.

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 1 and 2 Staniforth Place, HULL.

Telephone—Hull Central 4054Y (Trunk only).

LIQUID PARAFFIN B.P. 1914

EXCLUSIVELY REFINED FROM

RUSSIAN CRUDES.

ALL GRAVITIES.

HIGHEST VISCOSITIES.

"JASMINE BRAND" **ADEPS LANÆ B.P.** Superfine Anhydr. and Hydrous.

LANOLINE.

"JASMINE BRAND" **PETROLEUM JELLIES B.P.**

White and Yellow Tasteless and Odourless.
Natural Filtered and Opaque.

"JASMINE BRAND" **WHITE OILS** Chem. Pure, Water White, Tasteless; Odourless.

FOR MANUFACTURING PURPOSES.

All Our Products are Guaranteed of Finest Qualities and Our Prices are Competitive.

THE PURE RUSSIAN LIQUID PARAFFIN CO., LIMITED.

3 ST. HELEN'S PLACE, LONDON, E.C.3.

Actual Refiners and Manufacturers at their Works near London.



MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined
with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled
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London-Avenue 5661
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PERRY & HOPE, Ltd.

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NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND
PROTECTED PRICES.

Food for Babies, Prepared Barley,
N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above us
stocks. If for any reason you have difficulty in obtaining supplies, please
send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd.,
Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays
Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price
List we issue to the trade, and we are pleased to exchange any articles
which may be out of condition.

VITMAR

The Medical Profession are recom-
mending VITMAR for delicate
Children and Invalids.

If you do not yet stock it your whole-
saler will supply you.

Manufacturers—

CALLARD & CO., Food Specialists,
74 Regent Street, LONDON, W.1.



LIQ. SANTAL FLAV. c. BUCHU et CUBEBA

(Hewlett's)

Packed for dispensing only,
in 10, 22, 40 & 90 oz. bottles.

"Experience has shown this
preparation to possess the
same efficacy as Santal Oil
itself. It mixes clear with
water, and has a taste by no
means disagreeable."

The Practitioner.

VIROPHOS

Of proved utility in Nervous Diseases,
and a powerful Restorative for the
Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value en-
hanced by the presence of assimilable
phosphates."—*The Lancet.*

WHOLESALE PRICES.

No. 1.	1½ oz. Tin ...	9/- per doz.
" 2.	3½ " " ...	14/6 "
" 3.	6½ " " ...	24/- "
" 4.	12 " " ...	42/- "

MIST. PEPSINAE CO. c. BISMUTHO

(Hewlett's)

Packed for dispensing only,
in 10, 22, 40 and 90 oz. bottles.

"Obviously likely to be of
much advantage in the fre-
quent cases of irritative
dyspepsia, with atony of
gastric or intestinal mus-
cular layers."

British Medical Journal.



Introduced and Prepared only by C. J. HEWLETT & SON, Ltd., Wholesale Druggists, 35-42 Charlotte St., London, E.C. 2.

Barley at its Purest

Fawcett's Natural Process Barley, prepared with milk, is highly recommended for the aged, invalids, expectant mothers and young children because it is specklessly clean—unbleached—untreated by chemicals—untouched by hand.

FAWCETT'S Natural Process BARLEY

Particulars of other Fawcett's Specialities on application to

The YORKSHIRE
PEARL BARLEY
MILLS, Ltd.



POCKLINGTON,
YORKSHIRE.

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A sound business investment



All you have to do is to stock Kutnow's Powder. The Proprietors keep it ever before the eye of the public by constant advertising on a large scale. If you are not stocking it, you may be sure that some of your customers are purchasing elsewhere, and you are losing an opportunity of doing more business and enjoying the liberal profits which result from the sale of

Kutnow's Powder

Ask your Wholesale Dealer for full particulars.

S. KUTNOW & CO., LTD.
41 FARRINGDON ROAD, LONDON, E.C. 1.

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

THE BEST AND SAFEST INFANTS'
MEDICINE OF OVER 120 YEARS' STANDING.

Prices and Terms on application to R. BARKER & SON, Ltd.
13 Wesley St., C.-on-M., MANCHESTER.

**DOES
NOT
CONTAIN
any
SCHEDULED
POISON.**

CORKS

The Best Value in the Trade.

ESTABLISHED 150 YEARS.

Importers & Manufacturers of all classes of Corks

USED BY

WHOLESALE CHEMISTS, DRUGGISTS, &c.

Samples & Prices Free on Application. Special Terms for Contracts & Export Orders.

JOHN DEIGHTON & CO. Contractors to H.M. Government, War Office, etc. **YORK, ENGLAND**

The Nutrient Laxative

*Obstacles to
Nutrition*

*Overcome
by Virolax*

MANY foods contain a large quantity of flesh-forming and energy-promoting substances, but where the organs of digestion and excretion are unable to work to their full capacity little benefit is derived from the food. Indeed in many cases, as the Physician will recognise, bulky foods aggravate the condition:

- (1) By forming further accumulations in the bowels.
- (2) By overweighting the intestine and dragging it out of place.
- (3) By the production of poisons from excessive bacterial activity.

These difficulties are met by Virolax, which combines the nutritive properties of Virol (egg, bone marrow and malt extract) with the laxative properties of liquid paraffin.

An important feature of Virolax is that in combining these two components the paraffin becomes so finely emulsified that the uncertain action of paraffin in its ordinary state is entirely avoided.

Virolax feeds while it relieves and is therefore in a category apart and so pleasant in flavour that it may be taken with the greatest benefit by children or adults as a laxative nutrient in all cases of irregularity so apt to tend to bacterial poisoning.

Virolax is packed in 4 oz. and 16 oz. tins at 1/- and 2/8, and is supplied to the Trade in one dozen boxes at 10/- and 27/- per dozen. Terms: £3 orders carriage paid, less 5%. On orders over £5 an extra discount of 5% is allowed on condition that window display is made. These terms will also apply to combined orders for Virol and Virolax to the value of £3 and £5.

Virolax

(Registered Trade Mark).

Show cards and advertising material on application.

VIROL, Ltd., 148-166, Old Street, London, E.C.1.

YOUR OWN PROPRIETARY LINE! READY TO SELL!!



THIS attractive two-colour label, with own name imprinted and showcards to match, is reserved to one Chemist only in each locality.

The design is also available for Exporters covering territory not already reserved.

We pack in cartons, composite containers and tin canisters (plain or with own labels affixed free), and in BULK for own packing.

QUOTATIONS FOR TINS OR TONS UPON APPLICATION.

GEORGE KING & COMPANY,

ALBION FOOD MILLS

1 and 2 SYCAMORE ST., LONDON, E.C.1.

33 $\frac{1}{3}$ PER CENT. BONUS



The weekly sales of Osmos are steadily mounting. They have now reached an imposing figure and represent a mass of profitable business which is well worth going after. As a special inducement to retailers to co-operate in the present Osmos sales campaign, the Proprietors have allocated a portion of this year's advertising appropriation to provide a bonus in the shape of 4 FREE BOTTLES for every chemist ordering 1 dozen. The condition being that Osmos is displayed in their window until their order is sold.

REVISED PRICE.

Necessitated by enhanced cost of production.

Trade Terms : 26 6 per doz.
bottles, carriage paid.

Retail Price : 3 - per bottle
(P.A.T.A.)

Osmos, Crown Wharf, Hayes, Middlesex.

Osmos

The Great British
Aperient Water

The Therapeutical properties of Osmos are equivalent to those of the best-known Alien Aperient Waters. Osmos should, therefore, be sold in lieu of those foreign products. Chemists adopting this practice benefit themselves and their Country.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.)

Prepared in strict accordance with the Formula of the British Pharmacopoeia.

(Wholesale only.)

Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C. 3.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.

FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO. LD.

The Largest Makers in the United Kingdom

BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St, Liverpool.



THE CHEMISTS' APERIENT MINERAL WATER

Aquaperia

(Harrogate)

P.A.T.A.

3/- per doz.
allowed for
Empty Bottles
returned
Carriage Paid,
to our Factories

Standardised & Bottled by CAMWAL, Ltd., at their Spring at Harrogate.

Supplants Apenta, Hunyadi-Janos and German and Austrian Waters of similar Character

Of all Wholesale Houses,

and "CAMWAL" LTD.

HARROGATE, MANCHESTER,
BIRMINGHAM, BRISTOL,
MITCHAM, LONDON, & DEPOTS.

Special Export F.O.B.
quotations, including
packages.

NATURAL Mineral Waters.

- ¶ We are Agents for all the leading Natural Mineral Waters, importing them regularly throughout the Season from all parts of the World, when it is possible.
- ¶ Should you be asked for a Water with which you are not conversant, please apply to us, as we may have it in stock; or we could procure at short notice, if obtainable.
- ¶ Chemists should write for our special list of net prices. Most of the well-known Waters are on the P.A.T.A. protected list, and show the retailer good profits. Goods delivered direct to Clients' own Customers if desired.
- ¶ Showcards, Show-bottles, Pamphlets, Dummies, &c., forwarded on application.

INGRAM & ROYLE, Ltd.

IMPORTERS, EXPORTERS, AND DEALERS IN ALL
Natural Mineral Waters, Salts & Pastilles.

Sole Agents for

VICHY-CELESTINS

and all other State
Springs of Vichy.



Telegraphic Addresses:

"INGRAM-ROYLE, WATLOO.
LONDON."

"SPRUDEL, BRISTOL."
Telephone: 1113.

"CELESTINS, LIVERPOOL."
Telephone: Bank 4528.

Bangor Wharf, 45 Belvedere Rd., London, S.E. 1.

LIVERPOOL: 19 South John Street.

BRISTOL: Bath Bridge.

Have you a WINE LICENCE?

*If not, you should take steps to procure one,
and we will pay the cost.*

*If you already have a licence we undertake to
pay the annual charge.*



The only conditions are—

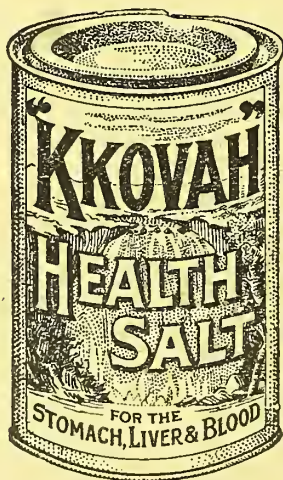
1. *That you agree to give full display to Dr. Hale's Vin-Sanguis in your premises all the year round.*
2. *That you give us an agreed initial order.*
3. *That you keep Dr. Hale's Vin-Sanguis always in stock.*

Advertising Matter and Doctors' Samples free.

Trans - Continental Agencies, Limited

*Proprietors of
Dr. Hale's Vin-Sanguis.*

*14 Southampton Street, Strand,
London, W.C. 2.*



Kkovah
Health Salt

Makes you fit—keeps you fit.

The public know “KKOVAH”!

When you make a window or counter display of “Kkovah Health Salt” you're not trying to sell unknown goods—it's an old-established family aperient.

There is a constant demand for Kkovah—be in a position to meet it by ordering a stock to-day.

Prices and Terms for the asking.

Sutcliffe & Bingham Ltd., Manchester.



"J. GREEN"

British Made

Filter Papers

CORRESPONDING TO THE GERMAN
Nos. 595, 597, 598, 602, 604, etc.

ALSO

Ashless Filters

to replace German and Swedish makes.

589¹—589² 589³—207.

No. O—No. I F.

SOXHLET THIMBLES.

FOLDED FILTER CIRCLES, etc.

For Samples and Prices apply to any of the leading
Laboratory Furnishers.

Makers—

J. BARCHAM GREEN & SON,
Hayle Mill, Maidstone, England.

**ALL CHEMISTS
SHOULD STOCK**

ABDINE

THE GOLD MEDAL FRUIT DRINK.

Quick Seller. Big Profits. Over 40 years' Reputation.

"Abdine" is the most popular Health Drink, superior to all Mineral
Waters. Sold in Packets, 2d. each.

Wholesale Prices on application. Sample Box 1/6.

DUNCAN MCGILGILGAN, LTD., M.P.S., Abdine Works, Westfield Road, EDINBURGH.

HEALTH SALT

**SUPERIOR
QUALITY.**

4-oz. Decorated Tins.

1 Gross ... 78/- 5 Gross ... 77/-

2 77/6 10 76/6

Carriage paid.

W. FOX & SONS, Wholesale
CASTLE STREET, SHEFFIELD. Botanic Druggists

Vinum Xericum

BUTTS. HOGSHEADS. QR. CASKS.
108 galls. 54 galls. 27 galls.

STRENGTH 17°

James V. Oldham

19 St. Dunstan's Hill, London, E.C. 3.

Telephone : Avenue 3013.

**ACETIC
ACID**

Made in Canada. Highest Quality.



GLACIAL 98/100 %
80 % pure edible

GLACIAL PURE 99/100 %
80 % technical

Rates quoted to any port
in the world by Shawinigan
Ltd., 1 Tudor Street, E.C.4,
Suppliers of Calcium Carbide
for Cutting, Welding, etc.

Telephone : City 3331

For supplies of Acetic Acid in the United
Kingdom, write to the distributors—

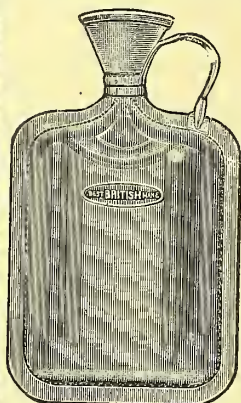
**A. Boake, Roberts
& Co., Ltd.**

STRATFORD

Stocks held in London and Liverpool

"TOMPKINS' CORNER."

Our Offer this Week
BEST BRITISH MAKE.



SIZE.	WHITE.	RED.
6 by 8	4/4	4/6 each
6 " 10	4/9	5/- "
6 " 12	5/-	5/6 "
7 " 10	5/-	5/6 "
8 " 10	5/6	5/9 "
8 " 12	6/-	6/6 "
8 " 14	6/9	7/3 "
10 " 12	7/-	7/6 "
10 " 14	8/-	8/6 "

Special Discounts for Quantities.
Artistic SHOWCARD'S supplied gratis.

SPECIAL LINE IN
'Fleecy Ripple Covers'
in PALE BLUE, PINK and other colours
as available.

6 by 8 in.	6 by 10 in.	6 by 12 in.
12/-	14/-	16/-
7 by 10 in.	8 by 10 in.	8 by 12 in.
16/6	17/-	20/-
8 by 14 in.	10 by 12 in.	10 by 14 in.
22/-	23/-	26/-

Per dozen less 10% discount

"CIRO" MUFF OR COT WARMER
(Each mounted on Showcard) 2/9 each net.

All kinds of **SURGICAL RUBBER GOODS** for the
Home and Overseas Markets.

JAMES TOMPKINS, LTD.,

The Rubber House,

386 City Road, London, E.C. 1.

(And at Rue D'Hauterville, Paris).

Established 44 years. Phone: City 7640. All-British Firm.

RENÉ HEYMANS

9/10 DOMINGO STREET

Tel.: CITY 3765. 36 OLD ST., E.C.1

Vulcanite DOUCHE FITTINGS

" Spare Parts

" Enema Pipes

" Whirling Spray Canules

BONE SHIELDS

BONE MOUNTS

BONE RINGS

French CAPPING SKINS (opaque and transparent)

TOOTH COMBS

(Best Galalit)

POCKET COMBS

Cheap lines in NAIL FILES (bone and steel) carded.

SAFETY RAZORS and spare blades.

French SHAVING BRUSHES

NAIL CLIPPERS.

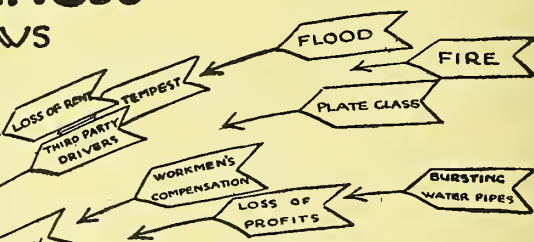
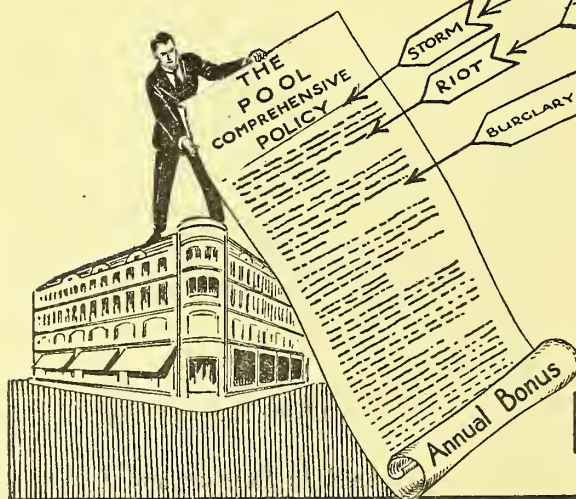
TOOTH BRUSHES

at low prices.

And all kinds of Surgical and Hygienic Rubber Goods.

Protect your Business

against "the slings and arrows
of outrageous Fortune"



By One Policy
Covering all Risks

issued by

The Licences & General Insurance Co. Ltd.
Victoria Embankment
Next Temple Stn. W.C.2

The
POOL COMPREHENSIVE SHOPKEEPERS' POLICY

FUNDS EXCEED £300,000. FOUNDED 1890

Druggists' Sundries

BRUSHES

No. 553.—	Hair Brush,	satinwood back,	12 rows,	bristle	...	per doz.	45/-
554.—	"	"	11	"	"	"	57/-
555.—	"	ebonised	10	"	"	"	57/-
561.—	"	real ebony	8	"	"	"	102/-
565.—	"	"	9	"	"	"	114/-
557.—	"	"	9	"	"	"	126/-
550.—	"	"	11	"	"	"	132/-
564.—	"	"	12	"	"	"	144/-
558.—	"	satinwood	8	"	whalebone...	"	36/-
566.—	"	"	large 8	"	"	"	66/-
567.—	"	ebonised back	9	"	"	"	54/-
568.—	"	"	large 9	"	"	"	72/-
556.—	"	military shape, ebonised back,	11 rows,	bristle	"	"	60/-
569.—	"	"	"	11	"	"	78/-
562.—	"	"	"	13	"	"	96/-
570.—	"	"	"	real ebony 11	"	"	108/-
571.—	"	"	"	13	"	"	120/-
572.—	"	"	"	13	"	"	132/-

COMBS

LADIES' DRESSING COMBS.

No.		Size	Per doz.
118	Black vulcanite ...	8 × 1 $\frac{5}{8}$ in.	10/6
121	Black celluloid ...	7 $\frac{1}{2}$ × 1 $\frac{1}{4}$ in.	13/6
116	Shell ...	7 $\frac{1}{2}$ × 1 $\frac{1}{4}$ in.	13/6
173	Black ...	8 × 1 $\frac{1}{2}$ in.	14/6
195	Black vulcanite ...	8 × 1 $\frac{3}{4}$ in.	15/-
168	White celluloid ...	7 $\frac{1}{2}$ × 1 $\frac{1}{4}$ in.	18/-
204	Horn ...	8 × 1 $\frac{3}{4}$ in.	22/-
166	White celluloid ...	8 × 1 $\frac{3}{4}$ in.	24/-
188	Black ...	8 × 1 $\frac{3}{4}$ in.	27/-

GENTS' COMBS.

165	Black celluloid ...	6 $\frac{1}{2}$ × $\frac{7}{8}$ in.	6/6
144	Black vulcanite ...	7 × 1 in.	7/6
143	Black ... stout	7 × 1 in.	8/6

LADIES' RAKE COMBS.

No.		Size	Per doz.
167	White celluloid ...	6 $\frac{1}{2}$ × 1 $\frac{1}{4}$ in.	12/6
119	Black ...	8 × 1 $\frac{1}{2}$ in.	13/-
190	Black ...	8 × 1 $\frac{3}{4}$ in.	15/-
206	Horn ...	7 $\frac{1}{2}$ × 1 $\frac{1}{2}$ in.	20/-
117	White celluloid ...	7 $\frac{1}{2}$ × 1 $\frac{1}{2}$ in.	21/-
115	White ...	7 $\frac{1}{2}$ × 1 $\frac{3}{4}$ in.	22/-
174	White ...	8 × 1 $\frac{3}{4}$ in.	27/-

LADIES' HANDLE COMBS.

104	Black celluloid ...	8 × 1 in.	18/6
105	White ...	8 × 1 in.	21/-

SMALL TOOTH COMBS.

186	Black, non-inflammable	3 × 1 $\frac{3}{4}$ in.	5/6
170	Horn	2 $\frac{3}{4}$ × 1 $\frac{3}{4}$ in.	7/-
173	Black	3 $\frac{1}{4}$ × 1 $\frac{3}{4}$ in.	7/-
177	Blonde	3 $\frac{1}{2}$ × 2 in.	7/6
176	White	3 $\frac{1}{2}$ × 2 in.	7/6

A discount of 5% for prompt cash is allowed on all amounts of 10/- and upwards. Money returned if goods are not satisfactory.
Write for illustrated PRICE LIST, post free for the asking.

BURGE, WARREN & RIDGLEY, Ltd.

91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

OYLER'S TRANSPARENT RUBBER TEATS

ENSURE PROTECTION
IN THEIR PARTICULAR PROVINCE
as they are of the best manufacture, standing all tests, including boiling—are easy for the baby, and possess the characteristics of great clearness. All parts accessible and durable.

SPECIAL DESIGNS FOR SPECIAL HOME AND OVERSEAS MARKETS.
Write at once to your wholesaler and get the share of the business in your district.

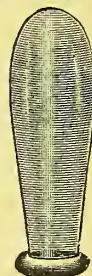
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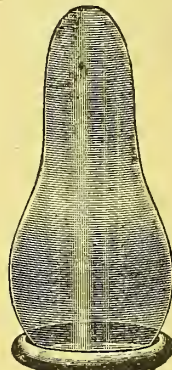
Mayfair 36 & 37.



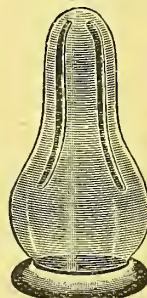
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No. 45



No. 41



No. 50r



No. 31



"NORVIC" CRÉPE BANDAGE (REGD)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.
Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages, containing wool will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers.

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S), Norwich, Eng.

Provincial Selling Agents, **Freese & Moon, Ltd.**, 59 Bermondsey Street, London, S.E.1
London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 17 Wool Exchange, E.C.1.

"The
Norvic'd
Sports-
woman."



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FOR TYING UP PERFUMERY, &c.

CORDS FOR SPONGE BAGS

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MEDICAL TWINES

ALL SIZES AND COLOURS IN STOCK

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PHONE 2121 TOTTENHAM.

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BIGGER CAPACITY OF Reliance Seamless Moulded Hot Water Bottle

Three-Quart
Capacity.

Retail Price

9/6

De Luxe Bottle

11/6



Baby De Luxe

5/-

- Ⓒ Size for size, the Reliance Seamless-Moulded Hot Water Bottle has a **larger hot water capacity**—and therefore a larger heating radiation—than any other type of hot water bottle.
- Ⓒ Freedom from joins and seams gives the Reliance Hot Water Bottle a freedom from trouble that other types of Rubber Hot Water Bottles cannot possess.
- Ⓒ Thus, based on the new standardised price of 9/6 retail, the Reliance Seamless-Moulded Hot Water Bottle is **lower in price**, and gives you **bigger value** than any other hot water bottle on the market.
- Ⓒ The same generous trade discount is reserved for you.

SAVE



SPECIAL NOTE:

The new Retail Selling Price of 9/6, necessitated by heavier manufacturing charges and costs, will operate from **Monday, November 8.**

You can therefore **save money** by posting your order for Reliance Bottles to reach us before that date.

MONEY



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RELIANCE RUBBER COMPANY Ltd.

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Telephone: City 2391 (2 lines).

Established 1889.

Telegrams: "Doorstop, Cent, London."

Managing Director: **LEON J. JONES.**



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Demand for the Nestlé Feeding Bottle is still growing—and it is growing because it is superior to any other feeder on the market. Its many advantages are so evident that mothers, thinking of the safety and comfort of their babies, are insisting upon the Nestlé Feeder.

The teat and rubber valve of the Nestlé Feeder are made with inner rolls which automatically cling and cannot be pulled off by the child. There is not the usual danger of swallowing the teat as in many other feeders. Pure plantation rubber is used in the manufacture of the teat and valve. Colic is prevented by the rubber valve regulating the flow of air behind the milk. This valve also ensures a steady milk flow in accordance with baby's need.

The Central base, tapering flat under surface of the virgin glass feeder enables it to be tilted to, and remain in, any desired position. This saves the time usually occupied holding the feeder. It holds more—the feeding capacity is 10 oz.—sufficient for any child at one feed.

NESTLÉ Feeding Bottle

The Cheapest full-size Feeding Bottle on the Market.

Every part of the Nestlé Feeder, including box, is British made. Every Feeder is sterilised before leaving the factory.

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SEA-TANGLE TENTS

(Laminaria Digitata)

For dilating the OS and CERVIX UTERI.

Quotations wanted for
SEA WEED RODS
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Manufacturer: E. BRASSE,

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*Packed to suit
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The "ANTAPSAL" NASAL APPLIANCE (invisible when worn) is patented in Great Britain and abroad. It is a transparent, self-acting, continuous and curative Inhaler, which rests with feather lightness quite naturally *inside the no strils*, and may be worn with complete comfort and without attracting attention in the street, at work or asleep, and charges every breath with a soothing health-restoring medicament. Quickly clears nose, throat and chest, relieving stuffed nostrils and hard breathing. Can be applied easily or removed in a moment, and carried in a waistcoat pocket ready for use. A simple, harmless, pleasant and effective scientific remedy; everywhere approved by medical men, the nobility, clergy, and others who have tried it.



SPECIAL OFFER TO CHEMISTS. 13 Boxes "Antapsal" 60/- net
CASH WITH ORDER.



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"CATARONOL" OUTFIT

for Colds, Catarrh, Bronchitis, Stuffed Nostrils, Loss of Hearing, Hay Fever, Adenoids, Headache, Sore Throat, etc. etc.

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for Chronic Bronchitis and Asthma.

TRADE DISCOUNT 20%

The Appliance is in use in the leading Hospitals. Numerous testimonials have been received from eminent users.

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MUSTARD LEAVES**

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THE ORIGINAL.
THE **ONLY** GENUINE.

7d., 1/- & 1/7 Packets
5/3, 9/-, 14/3 per Doz.

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GOOD SELLING LINES, GOOD PROFITS,
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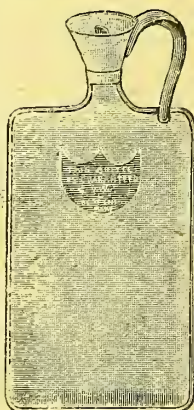
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Covers for same, assorted sizes, 24/- doz.

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MANUFACTURED BY THE
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DO
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HARDEN
RAPIDLY
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“The Leicester” Plaster of Paris Bandages are unique. They are made by a process which incorporates the Plaster of Paris into the pores of a specially-woven fabric, and are entirely free from loose powder. The bandages have only to be dipped in water without unwinding and applied in the same way and with the same ease as ordinary open-weave bandages. Within a few minutes after application they set as hard as rock.

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BRIGHT & DRY!**SUTCLIFFE
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delivers a supply of bottles
clean, bright and dry, just as
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DRYER can be designed to take
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**NO STACKING.
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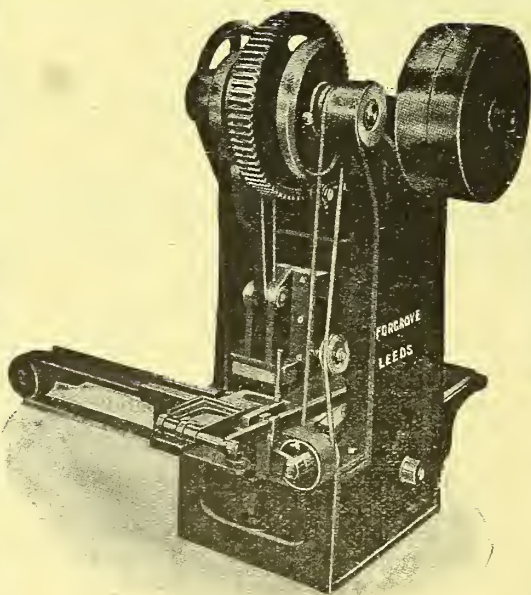
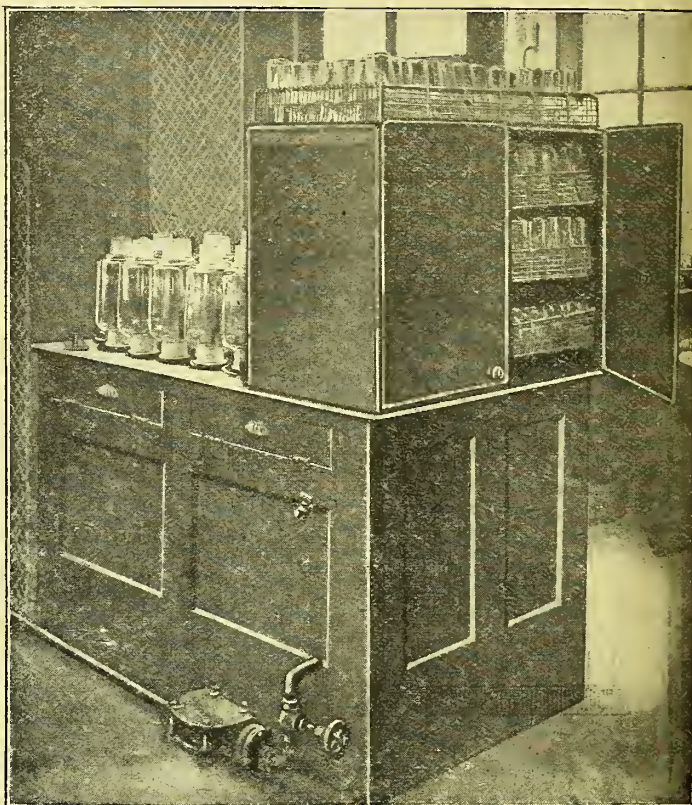
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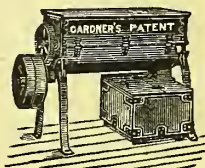
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**SOAP STAMPING MACHINES.**

Output, 50 pieces per minute.

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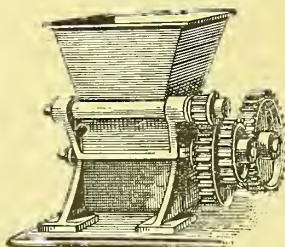
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OVER 6,000 working in
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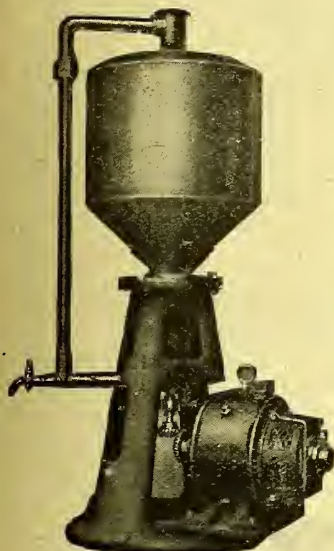
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Suitable for any Supply Voltage,
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MADE IN 10-GALLON SIZE ONLY.

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"Boothroyd 2 in 1" Emulsifier
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QUICKLY & EFFICIENTLY
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Either machine absolutely self-contained,
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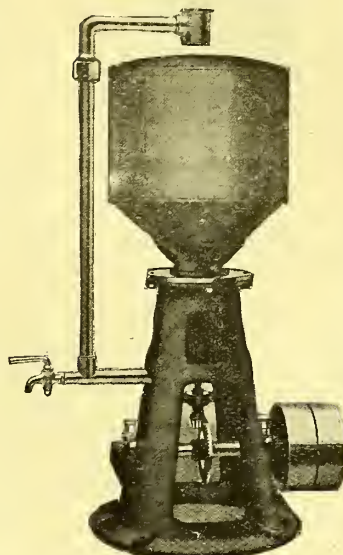
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When ordering Motor-driven Machines give—
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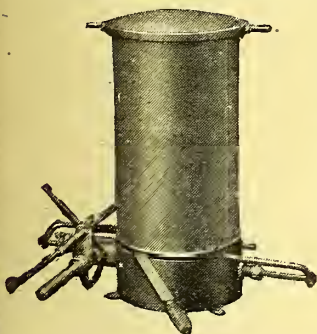
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Sole Makers—

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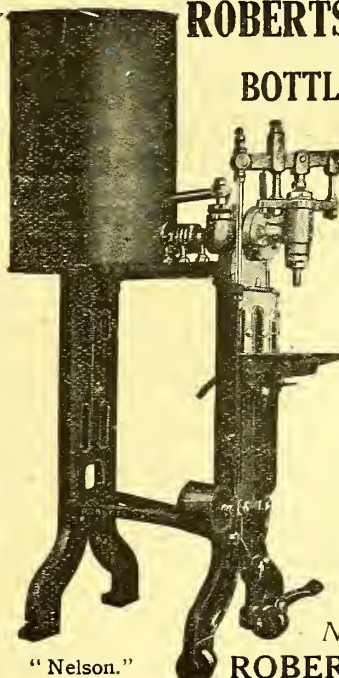
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Used by all
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Price of Tube and
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Send us your
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Don't waste money
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**CLEANLINESS
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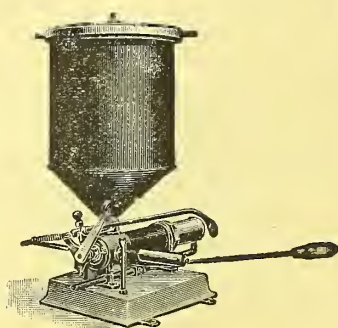
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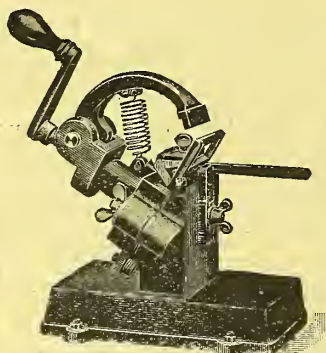
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Write for Particulars.

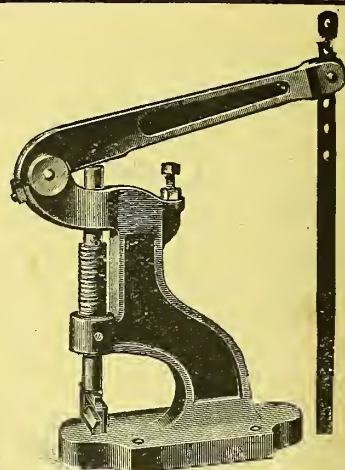
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MACHINE for FILLING COLLAPSIBLE TUBES. From 1 to 10 gallons CAPACITY. Output 30 to 40 gross tubes per day.



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MANUFACTURERS of Collapsible Tubes in LEAD, TIN-COATED and PURE TIN. SPRINKLERS for PERFUMES, BRILLIANTINE, CREAM, &c. SCREW-CAPS for JARS, &c., in WHITE or LACQUERED TINPLATE, NICKELLED ZINC, ALUMINIUM, &c. SHAVING-STICK CASES, LIP SALVE TUBES, &c. &c.



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Buy only those with a reputation for
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All Batteries bearing this Label can be absolutely relied on.

No. 3	guaranteed	3 months
No. 4	"	4 "
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Packed in cardboard outers containing 3 dozen Batteries.

14 different patterns in Pocket Lamp cases in stock. Write for prices and sample collect on.

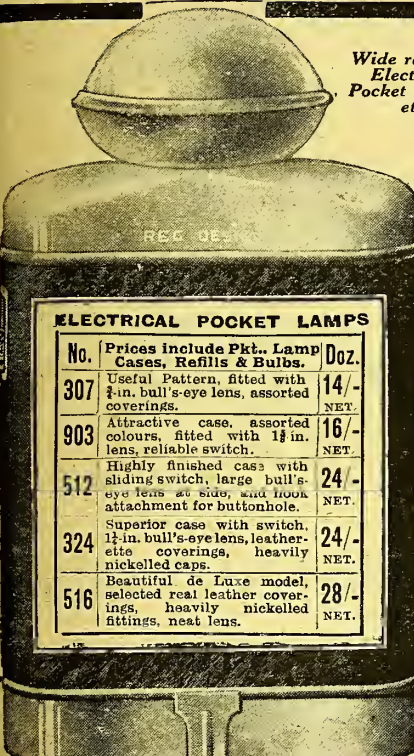
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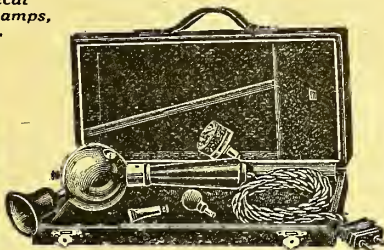
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No.	Prices include Pkt., Lamp Cases, Refills & Bulbs.	Doz.
307	Useful Pattern, fitted with 7-in. bull's-eye lens, assorted coverings.	14/- NET.
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New Season's Illustrated Catalogue of Electrical Pocket Lamps, Torches, Medical Coils, Massage Vibrators, etc. etc., on application.

Wide range of
Electrical
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etc.

**"SAMPSON"
MASSAGE VIBRATOR.**



Recommended for Rheumatism, Obesity, Paralysis, Neuralgia, Nervous Diseases, and as a general tonic for stimulating the Nerves. In handsomely finished leatherette case lined with velvet, complete with richly nickelled Electrodes. Retail £6. Supplied to work from Electric Lighting Circuit or Dry Batteries.

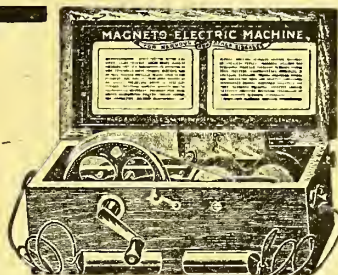
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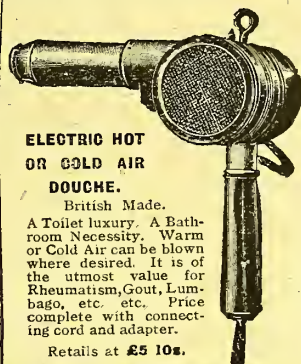


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SALFORD MANCHESTER Ltd.



MAGNETO MACHINES.
British Made.

No. D21/00A. Single Wheel Magneto in polished Pine case, regulator cord and handles complete. Approximate size 8 x 4 x 3 1/2 in. Price 21/- each.
No. D21/0A. Single Wheel Magneto, more powerful in every particular. Approximate size 8 1/2 x 5 x 4 in. Price 26/- each.



**ELECTRIC HOT
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DOUCHE.**

British Made.
A Toilet luxury. A Bath-
room Necessity. Warm
or Cold Air can be blown
where desired. It is of
the utmost value for
Rheumatism, Gout, Lum-
bago, etc. etc. Price
complete with connect-
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Retails at £5 10s.

**YOU CAN NOW SELL
GAS MANTLES**

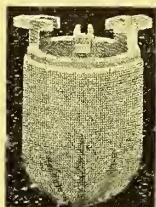
Quality Guaranteed.

A good, quick-selling, and
paying side line.



Upright

Order
trial gross
assorted
75/-
Delivered
free.
Retails at
9d. each.



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"PIFCO" Brand on Sale since 1900

No Stock Depreciation, Safe Established Profits.

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**SHOWCASE
QUICKLY EARNS
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NOT THAT NEW-FANGLED STUFF

that the Rats thrive on. Some people go as far and say that the novelties in Rat Poison entice the Rats and Mice and then feed them, as they have watched them take it away, none being found dead, but apparently increase in numbers."

"RODINE" HAS NO EQUAL.

Mr. H. B. WYLLIE, Chemist, Edinburgh, writes:—17/2/20. "Please send on more 'Rodine.' There is no Rat Poison has its equal as regards sales and effectiveness in the destruction of Rats and Mice."

"**RODINE**" is the efficient Rat Remover that gives satisfactory results to all users, with the minimum of trouble. *It Requires No Signature.* It yields nearly 100% protected profit. Send for a 20/- carr. paid order to-day on best terms. Post at once to—

HARLEY, Manufacturing Chemist, PERTH, SCOTLAND.



DISINFECTANTS

OF ALL KINDS.

Disinfecting Fluid,
Co-efficient Disinfecting Fluids,
Carbolic Acid (LIQUID and CRYSTALS),
Cresylic Acid,
Naphthaline,
Lysol, and
Disinfecting Powders.

**The "KILLGERM" Co. Ltd.
CLECKHEATON.**

Telegrams:
"Disinfect Cleckheaton."

Telephone:
237 Cleckheaton
Codes: ABC and Bentley's

**Business
Bringing
Blocks.**

**What About
Your Eyes?**

(Illustration R. 160a. 3/6)

Are those which illustrate the special feature of your advertisements so that the public can easily understand what you have to sell. Our Business Bringing Blocks make your advertisements stand out and draw special attention to Chemists' and Opticians' Advertising. Send to-day for a selection of illustrations available for your town.

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1 HUMBERSTONE GATE, LEICESTER**

The finest investment you can have, for the advertisement is worth the cost of the bicycle.



Easy
Payments

DUNLOP
TYRES
—
TWO STRONG
BRAKES
—
WHEELS
26 x 1 1/4

WRITE FOR LIST

**MOHAWK CYCLE CO., LTD.,
825 ALEXANDRA ROAD, HORNSEY, N.**

By Royal Warrant of Appointment
to H.M. The King



By Royal Warrant of Appointment
to H.M. The King.

DAY & SONS, ESTABLISHED 1840.
CREWE, LTD. (CREWE)
HORSE, CATTLE, SHEEP & DOG MEDICINES.

Only
ONE
Address

Only
ONE
Address

LARGEST SALE IN THE WORLD.



DAY'S BLACK DRINK

Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills and Low Condition in all Stock.

2/3 per Bottle.
24/- per doz. 13/- ½ doz.

DAY'S HUSKOLEIN

Almost infallible for Tape Worms in Lambs and other Animals; for Husk or Hcose in Calves, Lambs, &c. A speciality for Worms in Horses and Colts.

9/- per bottle.

DAY'S ZOMO-SAL.

For Blood Disorders, Humours, General Weakness, Surfeits, Indigestion, Sterility, &c., in Horses and Beasts. Promotes Growth of Bone. Makes animals "fit" for Show or Sale.

In Canisters at 10/6, 28/-, and 60/-.

**DAY'S RED DRINK
OR COW DRENCH.**

For Costiveness, Loss of Cud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for Calving. Prevents Milk Fever, and cures Bad Cleansing.

16/- per doz. packets.
The Ewe Drench for Ewes, 4/6 per doz.

DAY'S OILS

(THE PURIFIED DRIFFIELD OILS)

Heal all Wounds in Horses, Cattle and Sheep, Sore Teats, and swollen Udders in Cows and Ewes. For Anointing in difficult Lambing and Calving.

3/6 and 8/6 per bottle.

DAY'S WHITE OILS

A Safe Embrocation for Sprains, Swellings, Windgalls, Sprung Sinews, Rheumatism, Sore Throat, Weak Joints, &c.

3/6 and 8/6 per bottle.

DAY & SONS' "ORIGINAL" MEDICINE CHESTS

Price £3 10s. and £7 10s. Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any Class of Stock.

WHEN ORDERING PLEASE STATE REQUIREMENTS.

The Chest illustrated is similar to that at £3 10s. and £7 10s.

GREAT SPECIALITIES.

ONLY GENUINE FROM

DAY & SONS, CREWE, LTD., CREWE, England

LIBERAL TERMS FOR FOREIGN BUYERS.



FREDK. FINK & CO.,
10 & 11 MINCING LANE, LONDON, E.C.
SPECIALITIES.—Gums Arabic and
Tragacanth as imported or finely powdered.

**XMAS WINDOW TICKETS &
WINDOW POSTERS.**



produced in Artistic & Refined Colorings
For advertising Christmas Presents
LIST SHOWING 100 DESIGNS FREE.
DUDLEY & COY HOLLOWAY RD LONDON. N.

PRECIPITATED CHALK

Lightest and Whitest, also Purest Dense
Aug. Levermore & Co., Ltd. 8-10 Gt. St. Helen, LONDON, E.C. 3.
Telegrams: "Levermore London." Telephone: Central 4613

CHAMOIS LEATHERS
AND SCALLOPED EDGE FACE CHAMOIS.

All Grades made.
Buy Direct. Best Possible Value. Send for Price List.
F. B. MEASURES & CO., Myrtle Works, Sandon St., NOTTINGHAM.

SHADEINE
FOR COLOURING GREY HAIR



This popular article is largely advertised
and stocked by all Wholesale Houses.
Trial Size 6d., per post 10d. 1/4 size, per post
1/7. 2/6 size, per post 2/9. 3/9 size, per post 4/8.
6d. size 6/1 doz.; 1/4 size 12/- doz.; 2/6 size 24/- doz.
3/9 size, 36/- doz.

THE SHADEINE CO., 58 WESTBOURNE GROVE, LONDON, W.

BOTTLES

CANNONS,
BRILLS, LIMES,
PERFUMES,
BAY RUMS,
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WHOLESALE ONLY—PROMPT DELIVERY.
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The Best and Cheapest
White Dense and Filler

Especially suitable for Dental Creams, Powders, etc.
Prices and samples on application.

THE WHITEPHILL CO., St. Austell

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FILES,
SCISSORS,
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Special quotations to large buyers.

HENRY W. SCURR, HENRY RD., SLOUGH

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75 Victoria Street,
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CACHETS "FINOT"



(White or Coloured),
With inscriptions in any desired
tint; also Plain or Embossed.

A distinction all their own. —C. & D.

Perfection of Cachets. —Lancet.

These Cachets are especially adapted for Headache, Neuralgia
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COOPER, 80M & CO., Ltd., 80 Gloucester Road, SOUTH KENSINGTON.
In 17 Sites to all the various types of Cachet Machines

Viuda de José Solernou

Diputacion 174, Barcelona, Spain.

Agency & Representative House. Established in 1875.
Member of the British Chamber of Commerce at Barcelona.

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PHARMACEUTICAL SPECIALITIES.**

Do you realise the utility of **BETTERWAY?**
INTERCHANGEABLE LETTER
SIGNS

It is remarkable to how many uses one sign can be put.
Illustrated booklet on request.

West-End Showrooms: 77 New Oxford Street.
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TEATS ENEMYS &c.
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"DIP-A-DIP" SEALING SYRUP

A Bottle-Capping Solution in which a
bottle is dipped and a cap is immediately
formed, entailing a minimum of labour.
Supplied in White, Red, Blue, Gold, and Aluminium.

Per 25s. Gallon.

(Sample Pints 4s. through usual Sundries Houses).

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Anthony Leighton
Best Shampoo for Kiddies.
When on view never yet failed to interest a mother. It rids children's heads
from pests in a nice way and is the ideal Kiddies Shampoo.
WE WILL SEND YOU — CARRIAGE PAID
A splendidly got up 6 doz. box with 1 doz. 6d. packets as Bonus
with plenty of show material at once. Send p.c. immediately.
ALWAYS ADVERTISED 43% UNFAILING SALES.
4-DOZ 6-DOZ
LEIGHTON LABORATORIES. 35 GRAYS INN ROAD, W.C.1. PATA

Quin Quenna
BETTER THAN A SHAMPOO
More heavily advertised than ever, and sales still easier,
now recognised by ladies &c. that it is the only prepara-
tion that puts a "wave" in the hair, besides growing
and beautifying it.
4 PER DOZ. A 6 dozen decorated carton with
one dozen Bonus to your address
at once Carriage Paid
P.A.T.A. 6D EACH
43 PATA PRO FOR YU
CHRISTY'S Old Swan Lane, LONDON, E.C.4.

PHOSFERINE

The wholesale price of PHOSFERINE is as follows :

1/3	Size	....	....	12/-	doz.	Net
3/-	"	....	....	30/-	"	"
5/-	"	....	....	48/6	"	"
12/-	"	....	....	114/-	"	"

The retail prices of PHOSFERINE and all our other Proprietary Medicines are now fixed at the face value, viz.

1/3, 3/-, 5/-, and 12/-

SPECIAL WINDOW DISPLAY OFFER.

Against the conditional £5 worth of PHOSFERINE being taken, a bonus of 10/6 will be allowed for a Phosferine Window Display of not less than two weeks.

EXAMPLE:

		COST	SELLS FOR
3½ dozen 1/3 size at 12/- net	...	£ 2 2 0	£ 2 12 6
2 dozen 3/- size at 30/- net	...	£ 3 0 0	£ 3 12 0
		£ 5 2 0	
Less 10/6 for Window Show	...	10 6	
		£ 4 11 6	£ 6 4 6

GIVING YOU A PROFIT OF OVER **35 %**,
OR **£1 13 0**.

ASHTON & PARSONS, LTD.
LA BELLE SAUVAGE, LUDGATE HILL,
LONDON, E.C.4

Gelatines

Fine Leaf Gelatine,
Pure Calf.

"Albion" Brand

(In 1-lb. Packets, 112 × 1-lb. to Case.)

Made in England.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on Application.

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THE CHEMIST AND DRUGGIST SUPPLEMENT

CANNON ST.
LONDON, E.C. 4.

NOVEMBER 6, 1920

Supplement is inserted in every copy of The Chemist & Druggist

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

ADVERTISING CLOSING FOR PRESS. Will advertisers please note that until further notice it will be necessary that Advertisements for the Supplement must be not later than the **FIRST POST THURSDAY MORNING.**

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION,

LONDON, W.—Cash Retail and Photographic Business; 58 weekly; gross profit 42%; double-fronted shop, well stocked; lease 11½ years to run, at moderate rental; £100, or near offer.

MORTA (near).—General Retail and Dispensing Business; 5 weekly, with scope for considerable increase; lock-up £52 yearly; price £1,200.

X (Popular Watering-place).—Retail and Dispensing; all good middle-class trading; returns £2,500; opening and trade; comfortable residence; held on lease.

2.—Good-class Retail and Dispensing Business, situate in good market town; returns over £50 weekly, at full rate is a residence, with private entrance, bathroom; terms entertained.

IDE (within easy reach of London).—Light Retail Business; ready money; returns approach £8,000 per annum; scope for further development; attractive, well-stocked.

ERN COUNTIES.—Very old-established Business, centre of market town; attractive shop, fully stocked; average; returns about £6,500; excellent profits; terms, and sum for goodwill, or lump sum entertained.

ANDS.—Large town; General, Retail, and Dispensing established many years; returns exceed £60 per week; 25%; held on lease at a rental of £80; price to be

8.—MANCHESTER (within easy distance of).—Mixed Retail Business, with Optical connection; returns £2,500; net profit £750; well-stocked shop; held on lease at a low rental; price £1,750, or valuation of stock and fixtures and sum for goodwill to be agreed.

9.—YORKSHIRE.—Cash Retail Business; returns about £3,000, with scope for great increase under energetic management; low rent; new lease will be granted; terms, goodwill £200, stock and fixtures at valuation.

10.—NORTH MIDLANDS.—General Retail Business; returns over £2,500; books open to investigation; double-fronted shop; moderate rental; new lease will be granted; price about £1,500.

11.—WARWICKSHIRE.—Old-established Business, Wholesale and Retail; returns £10,000 per annum; gross profit about 33½%; scope for large increase; further details on application.

12.—SOUTH OF ENGLAND.—Old-established Business, mostly own Proprietaries and Prescribing; returns last year between £11,000 and £12,000, at excellent profits; further details on application.

13.—NORTH-EAST COAST.—Lock-up Pharmacy; returns, present rate, £70 monthly; scope for considerable increase; net profit 25%; rent £30; new lease will be granted, or premises may be purchased; price to be agreed.

VALUATIONS FOR STOCKTAKING.

& Co., desire to emphasize the necessity of a periodical Statement of Account, by which means alone Profit, the Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C. 3

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—BUCKS (Market Town).—Light Country Retail; returns over £2,250, increasing; large house, garden, etc.; price £1,600, or £2,700 including freehold; £600 can remain.

2.—LONDON, S.E.—Brisk Cash Retail, with Optics; no N.H.I.; Returns £2,600, increasing; low rent; valuable lease; busy market thoroughfare; price £500 and valuation, in all about £1,800.

3.—LONDON, N. (Main Road).—Old-established Cash Retail and Prescribing, returning about £30 weekly; seven-roomed house; well fitted and stocked; price £850.

BUSINESSES WANTED.

MESSRS. BERDOE & FISH have at the present time several clients desirous of purchasing Businesses within 100 miles of London, requiring cash from £1,500 to £3,000. Also in suburban London, £1,000 to £2,000.

We can guarantee quick sales with the utmost privacy; particulars received in strictest confidence. Terms sent on application.

STOCKTAKING VALUATIONS.

We are now booking dates for November and early December. All valuations promptly and carefully carried out.

ESTABLISHED 1870.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/.

ESSEX (Coast).—Old-established Drug Store; neglected; returns £1,000 yearly; good opening for Optics, Dentistry, Photography, N.H.I.; freehold house, six apartments, garden; double-fronted shop; price £900; stock and fittings £450; would consider offer for freehold premises only, with vacant possession. Apply 222/19, Office of this Paper.

LANCASHIRE.—Small Drug Stores for disposal; busy manufacturing village (cotton); two miles from Preston; genuine disposal through ill-health; 17 years' present owner; good turnover; books shown. R. Woods, Drug Stores, Lostock Hall, near Preston.

COUNTRY Chemist's Business, in main road, busy town, Home County, with small Branch; returns £1,450; good profits; rent £60; lease 71 years; upper part sub-let at profit; Dentist has one room; early vacant possession of 4 rooms could be arranged; well stocked; goodwill £400, stock and fixtures at valuation. Apply 222/25, Office of this Paper.

IMMEDIATE Possession.—Freehold and good-class unopposed, old-established Country Business; worked single-handed; no heavy trade; centre of twenty villages; large, comfortable home and premises; gas in house and shop; main street; healthy district; Pharmacy returns over £1,000; great scope for Dentistry or Optics, with Photography, also for developing Pharmacy; cash purchasers only, enclosing stamped addressed envelope. Morgan, Chemist, Kimbolton, Huntingdon.

IN a Lancashire Town.—Good-class Dispensing Business, with some Manufacturing and Wholesale; capable of considerable extension; proprietor retiring. Apply 222/17, Office of this Paper.

SURGICAL Business for Sale, and Chemists' Sundries; must be sold this week; Manager leaving. 165 Duckworth Street, Darwen, Lancs.

PARSON C. BAKER,

Pharmaceutical Chemist, M.P.S.

4 CYPRUS ROAD, CHURCH END, N. 3

WM. ROOKE ROBERTS, M.P.S., F.S.M.C.

174 VICTORIA STREET, S.W. 1.

Tel.: Victoria 27

Valuers for Purchase, Sale, Probate, Income Tax, Balance Sheet, &c.

Recommended by the British Drug Houses, Ltd., Messrs.

Meggesson, Ltd., Messrs Barclay & Sons, Ltd., and many other leading Wholesale Houses.

Valuers to the Association of Manufacturing Chemists.

Make a Speciality of the examination and reporting fully to Vendors or Purchasers as to Value, Prospects, Conduct, &c., on Moderate Terms.

Registers kept of Businesses for Sale. No Charge to Purchasers. Enquiries invited. Personal attention given in all cases.

BRETT & CO.

All Valuations have the personal attention of F. J. Brett, M.P.S.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

Telephone: 1934.

£4,000 RETURNS; good-class Light Retail; easily worked; increasing; desirable locality; Midlands; well-appointed residence, garden, and premises; held on lease at low rental; health sole cause of sale; goodwill, stock and fixtures at valuation, about £3,000; only applicants furnishing references will be replied to.

We have Buyers with Cash Ready for all Classes and Sizes of Businesses.

BUSINESSES FOR DISPOSAL (continued).

£1,100 RETURNS; old-established Light Retail; no side-lines or N.H.I.; increasing; excellent Proprietaries; fine position of Northern City; income about £7,000; applicants must furnish banker's or solicitor's references. "North" (48/7B), Office of this Paper.

£1,500 RETURNS; South Coast; Light Retail and Photographic, etc., in desirable locality; good house; old established; price about £750; premises can be purchased; references required. "South" (48/70), Office of this Paper.

FOR SALE.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/.

CARBOYS; two upright, two pear-shaped; height about 27 in.; capacity about 4 galls. Baugh, Ongar, Essex.

OFFERS wanted for 13-lb. Saccharin Tablets, 1-grain 550 in each 1-grain tablet; also five 2-cwt. bags Pulv. Sacch. Alb., and 1-cwt. cask Milk Sugar. Dales, Chemist, Stairfoot, Barnsley.

100 BOXES, each containing 1 doz. tubes of 20 Strychnine Hydrochloride Tablets, B.W.'s Hypodermic gr. 1-60; also 12 Bottles, each containing 25 Hexamine Tablets, gr. 5 B.W.'s; what offers? Apply Raoul Frères, 6 Holborn Viaduct, London, E.C. 1.

FINANCIAL.

A VERY successful firm, with established trade in all parts of the world, desire combination with Pharmaceutical manufacturers of high standing, with profitable and successful trade, for the purpose of forming limited company to increase scope of action of both firms; all replies treated as confidential. Reply P.C.B. 31/19, Office of this Paper.

SALES BY AUCTION.

In Bankruptcy, re PHILIP PHINEAS KEATS,
167 MARY STREET, BALSALL HEATH.

AT THE SALE ROOMS,
36 TO 40 ALBERT STREET, BIRMINGHAM.
By direction of the Trustee, J. DURIE KERR, Esq.

EDWARD L. STEVENS & CHAMPION have received instructions to Sell by Auction, on TUESDAY and WEDNESDAY, November 16 and 17, at Eleven o'clock each day, the Extensive and Well-selected

CHEMIST AND DRUGGIST'S STOCK-IN-TRADE
and
STOCK OF GENERAL STORES,
AMOUNTING AT COST TO UPWARDS OF £3,000.

The "Patents" include 70 dozen Kays, Veno's, and Owbridge's; 60 dozen Pops; 72 dozen Iron Jellies; 36 dozen Angier's, Scott's and other Emulsions; 76 dozen Tiz Bath Tablets; 30 dozen Rendel salts; 74 dozen Beecham's and Carter's Pills; Clarke's Blood Mixture; 50 dozen Cuticura Ointment; 100 dozen Andrew's Liver Salt; 80 dozen Milton; Zee-Kol and Dioxogen; 60 dozen Fenning's Fever Cure; 200 dozen Ucal and Dearborn's Specialities; 50 dozen Burroughs Wellcome Preparations; 350 dozen Lysol, Jeyes, Sanitas, Izal, etc.; 25 dozen Glyco-Thymoline; FOODS, comprising 160 dozen Glaxo and Ovaltine, 100 dozen Allenbury's Malted and Milk Foods and Rusks; 30 dozen Virol, etc.; 30 dozen Horlick's Foods and Hooker's; 24 dozen Cow and Gate; 80 dozen Bengel's, Savory & Moore's, Neaves', Mellin's, and Frame Foods; 12 dozen Sanatogen; 10 dozen Liebig's and Bovril; 22 dozen Brand's Essence and Valentine's Meat Juice; Liquefruta; 100 dozen Keating's; 60 dozen -lb. Izal; 2,500 dozen TOILET SOAPS, Erasmic, Pears', Vinolia, Cuticura, etc.; 3,500 dozen SHAVING STICKS; 200 dozen Perumes and COLOGNES; 2,500 dozen BRILLIANTINES and Hair Tonics; Anzora Cream; 2,000 dozen SHAMPOOS; 1,850 dozen TOILET and VANISHING CREAMS; 2,200 dozen TOOTH PASTES; Smelling Salts; bulk Perfumes; STOCK OF DRUGS; -ton Powdered and Lump Borax; 10 cwt. Boracic Acid; 200 oz. EDWARD'S SULPHATE QUININE, 500 lb. Tincture and Drugs a Winchesters; Gelatine, Oils; CHEMISTS' SUNDRIES, 360 s. 6d. Whirling Sprays, 250 lb. Boric Lint, Cotton Bandages, 1 ton Household Soaps, 1 ton Soft Soap, 50 dozen Water Glass, 50 Boxes Spearmint, 25 cwt. Epsom Salts; PHOTOGRAPHIC GOODS.

167 CASES MUSCAT RAISINS,

6 cases Apricots, 4 gross Zambuk, Brushes, Corks, Vials, and miscellaneous Stock.

NOTE.—The Stock will be Sold from Sample at the Sale Rooms, and the bulk may be viewed at 167 Mary Street, on MONDAY, November 15, from Ten till Four.

Catalogues seven days prior to Sale from the Trustee, J. Durie Kerr, Esq., 5 Waterloo Street; Messrs. Glaisyer, Porter & Mason, Solicitors, 9 Bennett's Hill; or the Auctioneers, 71 Temple Row; all of Birmingham.

Voluntary Liquidation. Re THE EUREXINE DRUG COMPANY, LIMITED, 169 Mary Street, Balsall Heath.

AT THE SALE ROOMS,

36 TO 40 ALBERT STREET, BIRMINGHAM

(By direction of the Liquidator, J. WOOD MASSEY, Esq.).
EDWARD L. STEVENS & CHAMPION have received instructions to remove and Sell by Auction, on THURSDAY, November 18, at Eleven o'clock punctually, the Extensive New STOCK OF CHEMISTS' SUNDRIES AND FANCY GOODS,
AMOUNTING AT COST TO ABOUT £1,750,

including 65 dozen Cuticura SOAP, Fenning's Cooling Powders, 60 dozen Anzora Cream, Antiseptic Blocks, 60 dozen Bond's Marking Ink, 80 gross DRUMMER DYES, 33 dozen Movol, Cutex, 100 gross Manicure Sundries, Cheesbrough Vaseline, Porous Plasters, 100 gross Soothers; POWDERS, including 10 dozen Mennen's Toilet, 10 dozen Amami Shampoo, 20 dozen Poudre Nide, 54 dozen Quenna Shampoo, 50 dozen Bourjois Java Powder, Ronge n, 24 dozen Papier Poudre, 33 dozen Vanity Boxes, 28 dozen ce Chamois, 24 dozen Zepto Pencils, 320 dozen Peg Top, amois, and Crêpe de Chine PUFFS, 60 dozen BATHING CAPS, 10 dozen Tetler's Swansdown, 80 Vacuum Flasks, Enemas, 17 ss Rubber Goods,

STOCK OF BRUSHES AND COMBS,

comprising 480 dozen best English and other Tooth Brushes, dozen Nail Brushes, bristle Hair Brushes, 200 dozen Badger d other Shaving Brushes, 140 dozen Pocket Combs, 150 dozen dies and Gents. best quality Dressing Combs and Rakes, 375 zen Tooth Combs, 80 dozen PERFUMES, 5,000 Safety Razor des, 70 dozen Sorbo Sponges, Leather Finger Stalls, 1 cwt. mree Tissue, 2 cwt. Boric Lint, 2 cwt. Chemists' White Demy, l Miscellaneous Effects.

In View at Sale Rooms on TUESDAY and WEDNESDAY, vember 16 and 17, from Nine till Eleven o'clock.
Catalogues of Messrs. Remington & Massey, Chartered Account- ts, 46 Cherry Street; Messrs. Hatwell, Pritchett & Co., Solicit- s, 55 Temple Row; or the Auctioneers, 71 Temple Row; all of irmingham.

To be Sold by Auction by

PATERSON & THOMAS, on Tuesday, November 16th, at 3 p.m., at the Law Association Rooms, 14 Cook Street, Liverpool, unless previously disposed of by private treaty:—

Lot 2.—Shop and Dwelling-houses, Nos. 41 and 43 Litherland Road, Bootle, together with the Chemist's Business now carried on in No. 41, or if not sold with the Business, Fixtures, Fittings, etc., then the property will be sold with Vacant Possession of No. 41. Leasehold 999 years. Ground rent £5 10s. per annum. Solicitor: H. H. Bell, 34 South John Street, Liverpool.

Apply for particulars of both lots to Paterson & Thomas, Estate Agents and Property Auctioneers, 16 Cook Street, Liverpool.

By order of the Owners.

STOCK, FIXTURES, FITTINGS, AND PLANT
of a

DENTAL PASTE AND FACE CREAM MANUFACTURING CO.,
including the SOLE RIGHTS of two well-known TRADE MARKS,
"AURA," "YVONNE,"

together with the whole STOCK, MACHINERY, MATERIALS (not made up), Powder and other Boxes, Cartons, Stationery, Tubes, Polish, Pots and Jars, Face-cream, Bottles, Labels, Gold Discs, Bands, Tapes, Wrappers, Advertising Slips, Showcards, Brass Sorew Caps for Jars, and all other stocks, such as Antimony Photo Frames, Tooth Brushes, Manicure Sets, Hair Slides, Combs, Razors, Safety ditto, over 1,000 doz. tubes of Tooth Paste and Powder, Shampoo Powders, Rubber Goods, including Baby Bottle Teats, Soothers, Enemas, Whirling Sprays, Rubber Gloves, Surgeons' Finger-stalls, Hot-water Bottles, Cotton Wool, Glass and Vulcanite Syringes, Ice Bags, and Rubber Soles, also 10,000 rolls Toilet Paper.

The PLANT includes Brooks's patent Tube-filling Machines, ditto Closing, Stamping Presses, Powder Presses, Gardener's Rapid Mixer and Sifter, Pattern Cutters, etc.

Also the WHOLE of the OFFICE AND OTHER FURNITURE.

M. A. SYMONS & SONS,

of the Moorgate Auction Rooms, Ltd., will Sell the above by Auction, on the premises,
25 Duncane Terrace, Islington (near the Angel Tube Station), on WEDNESDAY, NOVEMBER 17th, at 12 o'clock.

On view Monday and Tuesday previous and morning of Sale. Catalogues and full particulars of the Auctioneers, The Moorgate Auction Rooms, Ltd., 23 & 25 Moorfields, E.C. (Tel.: 9220 London Wall.)

BUSINESSES WANTED.

6s. for 50 words or less; 8d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/4.

MANCHESTER (or within 7 miles).—Pharmacist wants Business; lock-up or otherwise; living accommodation not essential; takings over £1,500, or Drug Stores, which could be improved. H. Smith, Point View, The Cliff Point, Higher Broughton, Manchester.

BUSINESS wanted, London, West End or N.W.; established Chemist's Business required, with fair proportion of Photographic trade. Write Box 916, Sells' Advertising Offices, Fleet Street, E.C. 4.

BUSINESS wanted immediately in Lancashire; seaside preferred, but not at all essential; cash available £1,000. Write Heaton, "Woodside," Queen's Road, Accrington.

GOOD Country Business wanted. Please send particulars, in confidence, to G., o/o Harris, 3 Southcote Road, Bournemouth.

SMALL Drug Store wanted; neglected one not objected to; accommodation preferred, but not essential; in or near Wolverhampton. Full particulars to Willetts, 87 Ashley Street, Bilston, Staffs.

SMALL unopposed country Business wanted in any district; neglected not objected to; cash immediately available; bank references given. Preliminary particulars in confidence to "Chemist," 12 Bersham Road, Wrexham.

SMALL Drug Store wanted; neglected one not objected to, or suitable empty shop; accommodation preferred, but not essential. Full particulars to "R.," 46 Hathaway Road, Croydon.

SMALL Business, Manchester district neglected not objected to; living accommodation essential. Apply 221/2, Office of this Paper.

WANTED, a Business, in the South or Home Counties preferred; or a Managership, with a view to early succession, would be considered. Please give full particulars and price, in strict confidence, to "H.," 227 Desboro Road, High Wycombe, Bucks.

WANTED, small Drug Store, in London, showing good returns; or neglected, if scope for improvement; working-class locality preferred; please give full particulars in first letter, which will be treated as strictly confidential. Apply 222/190, Office of this Paper.

LEGAL.

BY ORDER OF THE OFFICIAL RECEIVER IN COMPANIES LIQUIDATION.

MERSEY CHEMICAL WORKS, LIMITED,
in Liquidation.

IMPORTANT SALE OF BRITISH LETTERS PATENTS
for inventions relating to

DYES AND OTHER CHEMICAL PRODUCTS.

A large number of British Patents originally owned by BADISCHE ANILIN & SODA FABRIK of Ludwigshafen-on-Rhine, FARBENFABRIKEN vorms. FRIEDR. BAYER & CO. of Leverkusen, ACTINGESELLSCHAFT FUR ANILIN FABRIKATION of Berlin, Germany, and others, having become vested in the above-named Company, the Official Receiver as Liquidator is desirous of disposing of them by private tender.

The highest or any tender will not necessarily be accepted.

PARTICULARS of the said Letters Patents may be obtained from the OFFICIAL RECEIVER IN COMPANIES LIQUIDATION, 33 Carey Street, Lincoln's Inn, London, W.C. 2, or from Messrs. J. H. & J. Y. JOHNSON, Solicitors, 47 Lincoln's Inn Fields, London, W.C. 2, to either of whom tenders on the annexed form must be sent on or before the 30th day of November, 1920.

Dated this 28th day of October, 1920.

AGENCIES.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ARGENTINE, BRAZIL, and URUGUAY.—Firm of Representatives, with large connection amongst Wholesale Druggists and Chemists, require sole agency of manufacturers of Drugs and Chemicals; extensive business assured. Apply P.C.B. 30/33, Office of this Paper.

A GENTLEMAN, representing a firm in Toilet and Packed Goods, covering the Eastern Counties from Grimsby southwards, also Nottingham, Leicester, and Northampton district, is anxious to obtain another commission which would not clash with his present firm and could be worked together. Apply 221/8, Office of this Paper.

PERFUMERY and Sundries Manufacturers require Commission Agent, with established connection amongst Chemists, etc., Wales, Cheshire, Shropshire, Isle of Man, and Ireland; state particulars, with references. Apply 48/8b, Office of this Paper.

THE manufacturers of a well-known proprietary article who have representatives calling upon the leading Chemists in Yorkshire, Northumberland, Durham, and a large portion of Lancashire, are prepared to act as Agents, on a commission basis, for a quick-selling and reliable line stocked by Chemists and Druggists in the areas mentioned; advertisers possess a thoroughly up-to-date and modern sales organisation, and would be in a position to influence large orders for the right line. Prompt reply, with full particulars, terms, etc., to 15/151, Office of this Paper.

WANTED, Selling Agencies on commission basis for all classes of goods for the whole of South Coast and Sussex, by F. Mann, formerly Manager of a manufacturing company, with offices, showrooms, and connection of 500 customers among Chemists, Hairdressers, and Fancy Shops. Terms, etc., to Frederick Mann, 21-22 Sillwood Street, Brighton.

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ACCRINGTON. Wanted at once, an unqualified Assistant (outdoors) for Mixed business, with N.H.I. Dispensing; must be quick and reliable. Apply, stating age, height, experience, salary required, with usual references, to S. H. Sidebottom, Chemist, Accrington.

BATH.—Young qualified Assistant wanted at end of November; must be good Dispenser and used to middle-class brisk Counter trade; 48 hours week; outdoors; no Sunday duty; permanency; progressive salary. Particulars of experience and references to Charles Jenkin, Chemist, Bath.

CARDIFF.—Unqualified Assistant required for the Counter, usual hours; Wednesday half-day. Apply 221/24, Office of this Paper.

CITY.—Immediately, Junior Assistant for good-class Retail Dispensing business; must be smart appearance, good Salesman, and well recommended; hours 8.45 a.m. to 6.30 p.m., Saturdays 1.30 p.m.; good Window-dresser essential. Full particular salary (which must be reasonable), with references, to "Aspirin" (P.C.B. 31/34), Office of this Paper.

LINCOLN.—Wanted, unqualified Assistant, with good knowledge of Optics. Send full particulars, age, references, experience and wages, etc., to E. R. Dixon, West Hill House, Lincoln.

LONDON, N.—Wanted (at once), smart, unqualified Assistant 20 to 25 years of age; quick and neat Dispenser and good Salesman; knowledge of Photography essential. Reference salary required (outdoors), etc., to Edgar Wilson, M.P.S., 3 Essex Road, Islington, N. 1.

LONDON, N.W.—Qualified Managing Assistant to take charge of middle-class quick Retail; good Salesman and smart Window-dresser required; energetic, reliable, and progressive; plenty of scope; permanency; living rooms if required; must possess good references. Apply, stating age, height, experience, etc., salary required, and when disengaged (photo if provided) 190/23, Office of this Paper.

LONDON, S.W.—At once, qualified Manager; cash Retail; good record essential; plenty of scope for energetic man; about 25 years of age preferred. Fulham Pharmacy, 781 Fulham Road, S.W.

LONDON, W.—Assistant wanted for Counter and Dispensing one with West-End experience preferred. Apply the Manager, Heppell & Co., 26 Piccadilly, W. 1.

N. DEVON.—Wanted (immediately), reliable, unqualified Junior with knowledge of Photography, good Counterman and Window-dresser. State age and height, enclose photo if possible; recent references, and salary required, to E. Gerrish, M.P.S., Quill Bedford.

NORTH MIDLANDS.—Elderly qualified Assistant; outdoors; comfortable berth; good-class mixed business; small, limited company; steady, reliable; moderate salary. Apply 217/39, Office of this Paper.

NORTH STAFFORD.—Assistant; qualified; Dispensing a general mixed business; state salary, age, usual particulars outdoors. Reply 217/390, Office of this Paper.

SALOP.—At once, Junior (20 about); good-class Dispensing a N.H.I.; easy hours. A. S. Kitching, Oakengates.

TREORCHY, SOUTH WALES.—Good opening for young Junior Assistant possessing Optical experience; permanency; comfortable berth. Apply "D. T." (219/25), Office of this Paper.

ASSISTANT (outdoors); energetic and trustworthy; permanency; good prospects for suitable applicant; hours 9.30 to 7.30, Thursday 1, Saturday 8.50; no Sunday duty. State age, height, experience, references, salary required, and when disengaged; enclose photo, to be returned. L. J. Reade, Pharmaceutical Chemist, 17 Lichfield Street, Wolverhampton.

COMPETENT Junior Assistant required in Light Mixed Retail business; outdoors. Full particulars in first letter, Da Steel Bank Pharmacy, Sheffield.

FRANK A. ROGERS, 327 Oxford Street, W. 1, will have a vacancy very shortly for a reliable Junior Assistant. Please give full particulars of age, experience, salary required, etc. in first letter.

JUNIOR Male Assistant wanted at once. Apply, stating age, experience, and salary required, to W. H. Bell & Co., Albany Street, Regent's Park, N.W. 1.

JUNIOR, single, unqualified, for good-class Light Retail and Dispensing Business, early in December; easy hours; Sunday duty. State age, experience, references, salary required (outdoors), and when disengaged, to H. Barnett, Chemist, Hythe Kent.

JUNIOR Assistant wanted; outdoors; one accustomed to Dispensing (good-class); applicant must be reliable and energetic, have first-class references, and be resident in London or suburbs. Apply by letter, stating age, height, experience, and salary required, to "A. 1" (29/240), Office of this Paper.

LADY Assistant (outdoors) for Light Retail and Dispensing within 40 miles of London; state age, salary required, and previous experience. Apply "X." (219/24), Office of this Paper.

ADY (outdoor) for Stock and to assist Counter, Dispensing, etc.; hours 9 to 7.30, Thursday 1, Saturday 8.30; no Sunday duty. State age, height, experience, references, salary required, and when disengaged; enclose photo (to be returned). J. Reade, Pharmaceutical Chemist, 17 Lichfield Street, Wolverhampton.

MANAGER required for good-class Retail business; must be a good Buyer, Prescriber, and Dispenser, and understand the cultural side; salary £4 weekly and commission. Apply, with particulars as to experience, to Holme, Chemist, Wallingford. Applicants unanswered in 3 days declined.

ESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist; easy hours; good and progressive salary, with excellent prospects.

ART unqualified Assistant, young, one just out of apprenticeship, required at once. Apply, with usual particulars and salary required, to Thomas, Chemist, Sketty, Swansea.

EADY, accurate Dispenser; single man with general knowledge of business experience and reliability, the best qualifications; good references and handwriting indispensable. State height, salary required, enclose photo, to Chave & Jackson, Hereford.

VO Juniors or Improvers required for high-class Dispensing Business; must be smart and energetic. State salary required and full particulars, etc., in first letter, J. T. Davies (Chemists), Ltd., 13/14 Walter Road, Swansea.

ANTED (immediately), qualified Assistant, young lady preferred, short experience only necessary, for Counter work; Dispensing; another Assistant kept; state wages required. H. Carré, 46 Bordage Street, Guernsey.

ANTED, qualified Branch Manager, permanency, age 30 to 40, good Dispenser and Counter man essential, energetic trustworthy, for middle-class trade. Apply, with usual particulars, salary required, etc., to Pickering & Son, Chemists, Ton, near Barnsley.

ANTED, qualified man to take sole charge of a Pharmacy to be opened shortly. State age, experience, and salary required, to E. Aroher, 112 High Street, Strood, Rochester, Kent.

WHOLESALE.

Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

NDON Chemical Merchants have vacancy for a Salesman and Market Clerk having good knowledge of heavy chemical goods; good prospects for a suitable man. Applications will be in confidence, but must give full particulars as to age, experience, salary required, etc. Apply 48/3B, Office of this Paper.

NDON House requires first-class Representative, to call on Doctors; must have had previous experience. Apply 220/21, of this Paper.

LANDS.—Qualified man, not under 30, to take up a position in a department of Wholesale house; must be tactful able to control staff; permanency, with excellent prospects of advancement. Apply "Midlands" (219/250), Office of this Paper.

ORATORY Hand and Counter Hand wanted by London Wholesale Druggists. Apply 6/38C, Office of this Paper.

LL MAN.—Young man, some experience Drug Grinding, wanted to take charge grinding plant, Wholesale Druggists, London. Particulars, stating age, wages required, to B, Office of this Paper.

ALIFIED Chemist, able to perform B.P. Tests and Standardisations, with Laboratory experience. Apply, stating experience, age, and salary required, Bleasdale, Ltd., York.

REPRESENTATIVE, first-class, required, by a well-known house, for Lancashire, to call on Chemists and carry Toilettes, Sundries, Plasters, etc. Apply, giving full particulars experience, to 6/370, Office of this Paper.

REPRESENTATIVES and Agents, with sound connections, are required immediately to sell attractively packed Toilet throughout the U.K.; preference will be given to men able to carry stocks and distribute from main provincial centres. Write fully, stating present territory worked and lines held, to the Kredendar Company, 24 Chilworth Street, Paddington, London, N.W. 2.

REPRESENTATIVE FOR MIDLANDS.

REPRESENTATIVE wanted for Midlands, with a really influential connection with Chemists, to sell COMPRESSED TABLETS, TOILET, AND PACKED LINES.

Only those able to command orders need apply. Good salary, commission and expenses, and permanent appointment to the right man.

Apply White Band Manufacturing Co., Ltd., Croydon, Surrey.

REPRESENTATIVES required in all parts of England, for sale of well-known Toilet Powders and Face Creams; high commission given. Reply 23/35M, Office of this Paper.

WANTED, smart Salesman with connection Manchester area, resident preferred, for leading Druggists' Sundries house and agencies; commission. Apply 13/22G, Office of this Paper.

WANTED, a pushful, persistent, persevering Salesman who will devote his whole time and energy to selling through Chemists a proprietary article on partnership terms; must be sure of himself, as remuneration will be payable out of results only; liberal terms will be given, and a good position can be built up for himself by a capable man. Write, stating age and experience, to 15/16J, Office of this Paper.

WANTED, by a large manufacturing Lozenge makers and Medicated Goods, Representative, used to calling upon Wholesale Chemists, etc. Apply by letter, giving particulars of experience and salary required, to "Medicated," c/o Pool's Advertising Service, 180 Fleet Street, E.C. 4.

WHOLESALE Druggists' Sundrymen require an experienced, young lady with good knowledge of Sundries to take charge of department and control small staff. Apply by letter, stating experience and wages required, "X. Z." (37/12T), Office of this Paper.

YOUNG gentleman, about 22, for Druggist Sundries, Wholesale, to make himself generally useful and part travelling; must be well educated and of good appearance; good opening for ambition and energy; permanent. State salary, age, and experience to "B. E." (48/5B), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

MANAGER or experienced Foreman wanted for new works abroad, manufacturing Liquorice Goods; must be able to instal machinery, organise factory, and superintend manufacture. Write fully, giving age, experience, etc., to Z.M.652, care Deacon's, Leadenhall Street, E.C. 3.

REGLISSÉ SANGUINÈDE, 18 Rue Durand, Montpellier, France, demande représentant visitant pharmacie. Donner très sérieuses références.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 10 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

A.A.A.A.—PHARMACIST (25), single, desires berth; business builder, experienced in all classes, and highest references; prefers Manchester; £4 4s. Apply 216/370, Office of this Paper.

A.A.A.A.—QUALIFIED Chemist desires any position of trust; London Managership preferred; held last post 8½ years. "Chemist," 13 Coniger Road, Parsons Green, S.W. 6.

A.A.A.—QUALIFIED (25), 10 years' experience, desires permanency; good references. "Aspirin," 62 Church Hill, Royston, near Barnsley, Yorks.

A.A.—UNQUALIFIED; Dispenser's post desired (beginning December); London or suburbs; state salary and full particulars. Miss Rumsey, 128 Belgrave Road, S.W.

A PHARMACIST, with a good knowledge of Optics (practical and theoretical), also Photography; young; active; qualified over two years, Manchester or district; £4, plus an Optical commission. Apply 216/37, Office of this Paper.

A PHARMACIST (30), single, desires post, Branch Manager or Assistant; good organiser and Salesman; up-to-date experience; satisfactory references; available at short notice. P.C.B. 32/2, Office of this Paper.

A QUALIFIED Chemist as Manager or Assistant; 20 years' experience; permanency preferred; disengaged at present. Davies, Ty Cwrdd, Llwynhendy, Llanelly.

A RELIABLE Manager or Assistant; many years' experience first-class Dispensing; quick and accurate; good Counter-hand, Photography; town or country; no objections to live on premises; unregistered; good references. Forsyth, c/o P. Davidson, 342 High Road, Brondesbury, N.W. 6.

A YOUNG, energetic, qualified Chemist desires progressive post; South Wales preferred, but not essential. John, Little Newcastle, Letterston, Pem.

A CTIVE qualified Manager (36), after 8½ years' successful London Managership, seeks similar position; first-class West-End Dispensing experience; would entertain partnership or succession. "M.P.S.," 8 Priory Villas, Friern Barnet, N. 11.

A LL-ROUND experienced Assistant (22), unqualified, tall, requires situation; disengaged at early date. H. S. Williams, 77 Queen Street, Newton Abbot, Devon.

A S Branch Manager, qualified; large experience; sober and industrious; late positions 3, 5, 7 years. 39 Church Avenue, East Sheen.

A S qualified Assistant; 28; married; served apprenticeship and two years' experience as unqualified Assistant. Apply "M. L." 15445, Office of this Paper.

A S qualified Manager or Locum; disengaged; good all-round experience; town or country. J. Fraser, 57 Cranbury Road, Fulham, S.W.

A S Secretary to Hospital, etc.; 43; married; 14 years' experience in business on own account as Chemist; also nine months' experience as Chemist's Manager. Apply "M. L." 94021, Office of this Paper.

A SSISTANT; 22; single; fluent Welsh; three years' apprenticeship. Apply "M. L." 3168, Office of this Paper.

A SSISTANT (20), experienced in Wholesale and Retail; good Counter hand; knowledge of Photography; good references; salary 50s. (outdoors). "Rhei," 38 Potter's Hill, Aston, Birmingham.

A SSISTANT; qualified; age 23; single; knowledge of French; served five years with Chemists as articled pupil. Apply "M. L." 5417, Office of this Paper.

A SSISTANT (28); 9 years' experience; one subject to qualify; state salary. Atkinson, 48 Hawthorn Avenue, Great Horton, Bradford.

A SSISTANT (24), tall, desires immediate post, with good amount of Dispensing; 7 years' experience; one subject only to qualify. Parkin, Fitzwilliam Street, Elsecar, Barnsley.

A SSISTANT; 33; tall; experienced in high-class Dispensing and Counter; unqualified; first-rate references. Stapleton, 37 St. Leonards Road, Bexhill.

A SSISTANT, Management, Locum; middle-age; single; well experienced, reliable, equipped; well recommended; easy terms. "Delta," 68 Addison Street, Nottingham.

A SSISTANT, unqualified, 30, requires situation; Counter, Stock, and Dispensing. Searle, 2 Carlisle Avenue, Plymouth.

A SSISTANT; unqualified; 30; tall; over ten years' good all-round experience. "Statim," 100 Ledbury Road, W. 11.

A SSISTANT, qualified (22) desires permanent post; good all-round experience; reliable; ex-officer; disengaged. Apply Devonian, "Invergery," Bourne End, Bucks.

A SSISTANT (26); 12 years' first-class experience Dispensing, Counter, and Photography. Please state full particulars, "Provincial" (222/3), Office of this Paper.

B ALKWILL & CO., Plymouth, highly recommend pre-war apprentice (4 years), now qualified, as Manager or Assistant; exceptional all-round experience; abstainer; tall; single. E. W. S., 73 Coburg Street, Plymouth.

B EDFORDSHIRE.—Qualified desires position; recent experience Counter, Dispensing, Photography. Jones, 49 Foster Hill Road, Bedford.

B IRMINGHAM.—Qualified lady Chemist requires part-time post; Retail and Hospital experience. Apply 193/1, Office of this Paper.

B RANCH Manager or qualified Assistant; 20 years' experience in high-class Dispensing and Photographic business; permanency preferred; capable, energetic, reliable; excellent references; Scotchman; ex-Service man. 222/6, Office of this Paper.

C APABLE Dispenser and Counter Hand desires position; Photography; well recommended; Brighton district preferred. "R.," 9 Haddington Street, Hove.

C HEMIST; qualified; age 21; single; educated Sunderland Technical College and Westminster College. Apply "M. L." 89070, Office of this Paper.

C LERICAL.—Evening work of any kind; writing up accounts and posting up books; terms moderate. Write "F. G." (217/13), Office of this Paper.

D ISENGAGED, reliable, unqualified man, good references, seeks situation, to live on premises, as Dispenser; night work and Sundays; private Chemist or company; London or country; 20 years' experience; not afraid of work or hours if suited with the right employers. Apply 216/36, Office of this Paper.

D ISENGAGED; qualified; 36; 15 years' good all-round experience. "Statim," 29 Lyndhurst Road, Thornton Heath.

D ISPENSER; London preferred; 27; single; Captain, M.C. and Bar; knowledge of French; served four years' apprenticeship; passed Part I. Minor Examination. Apply "M. L." 98118, Office of this Paper.

D ISPENSER (Hall) desires daily post; London or suburbs; excellent testimonials. Miss B. Warrington, 48 Buckleigh Road, Streatham.

D ISPENSER (lady) requires post with Doctor or Chemist; seven years' experience with Chemist and one year with Doctor. 2 Selwyn Road, Upton Manor, E. 13.

D ISPENSER (Hall), lady, desires post; whole or part time; experienced; testimonials; London. 221/38, Office of this Paper.

D OCTORS.—Young lady requires post as Dispenser and Book-keeper; Hall qualification; country or seaside. F., 65 Mayfair Avenue, Ilford, Essex.

E XPERIENCED Assistant, disengaged middle November, desires engagement. Apply "Spes." (219/36), Office of this Paper.

E XPERIENCED Dispenser (lady), Hall; thorough knowledge Hospital, Surgery (Bookkeeping); part or whole time; excellent testimonials; London or near. 221/32, Office of this Paper.

F.S.M.C., M.P.S., requires position; London or district; would start Optical connection. A. E. Thompson, St. Cuthbert's, 13 Avenue Road, Westcliff.

J UNIOR, four years' experience, qualified, desires situation; Dispensing, Counter, Photographic. Particulars to "Pharmacist," 48 Alexandra Road, Newport, Mon.

L ADY Assistant; four years' good experience Dispensing, Counter, Photographic; good Window-dresser; London or suburbs. D., 24 Aldbourne Road, W. 12.

L ADY Dispenser, Hall qualification, desires post at once; Liverpool or Birkenhead district; shop experience. Apply 192/39, Office of this Paper.

EXPERIENCED Lady Assistant; part or full time; quick and accurate Dispenser (Hall qualification). Write 222/12, Office of this Paper.

ALY (Hall), experienced Dispenser, seeks re-engagement in high-class Pharmacy; accustomed to heavy Dispensing Business; good reference. "Myristica" (221/36), Office of this Paper.

OCUM (temporary Manager); disengaged; Minor; country; 53; first-class references and experience; energetic; moderate terms; Photography, Optics. Dewey, 4 Montague Gardens, Walsington.

OCUM, reliable, disengaged. Address "M.P.S.," Messrs. Southall Bros. & Barclay, Priory, Birmingham.

OCUM disengaged; reasonable terms; highest references; well recommended. "Beta," 74 West Hill, East Putney, London, W. 15.

OCUM disengaged; reasonable terms; well recommended. Brown, 37 Fore Street, Totnes, Devon.

ONDON or Suburbs.—Unqualified; referred in one subject; experienced; age 28; disengaged. Evans, Plas Glan-y-don, Llanidloes, Llanidloes.

OST—Situation required; gentleman; Part I. Minor; part or full time in London accepted. "Statim," 6 Normandy Terrace, Whitby.

L.P.S.; 30; single; 14 years' experience in Retail Pharmacy. Apply "M. L." 98909, Office of this Paper.

L.P.S.—Assistant or Branch Manager immediately, anywhere; where; 10 years' experience London and Devon; Dispensing, Counter, Photography; highest references; age 28 years, tall. Hancock, 5 Hazelwood Terrace, Peverell, Plymouth.

L.P.S.; 34; single; Assistant's certificate, Society of Apothecaries, London; 13 years' Hospital experience as Dispenser. Apply "M. L." 172502, Office of this Paper.

L.P.S. (LADY) desires post, Hospital or Chemist; good references. Institutional and Medical experience; excellent references. Apply G. I. T., Tabor Villa, Lodge Road, Kingswood, Bristol.

MAJOR Student desires post in good-class Pharmacy; evenings and Saturday midday. Terms to "Qualified," 5 Manchuria Road, S.W. 11.

MANAGER; qualified, active, elderly; good Counterman, Dispenser, Prescriber; reliable references; moderate salary. Apply 217/34, Office of this Paper.

MANAGER or Assistant, Drug Stores; if with view to succession, small salary. "Chemicus," 58 Gipsy Hill, S.E. 19.

MANAGER, experienced, energetic, progressive; highest references as Manager; could work up neglected business. H., Aldbourne Road, W. 12.

MANAGER or Senior; first-rate all-round experience; qualified; 32; good Salesman, Dispenser, Counterman. Wynter, Maryon Road, Charlton, S.E.

MANAGER or Superintendent, qualified, desires change; good all-round experience; Photography. P.C.B. 32/3, Office of this Paper.

MANAGERSHIP required, with view to purchase; South of England preferred; good up-to-date experience; state terms prospects to Moon, Sharcott, Pewsey, Marlborough.

MANCHESTER District.—Qualified Chemist, energetic and experienced, seeks position as Manager or Assistant. Write "P.S.," 219 Cheetham Hill Road, Manchester.

R. J. HAGUE, Chemist, Lincoln, wishes to recommend a qualified Assistant; smart appearance; exceptional references; disengaged. Apply H. C. Lintin, 54 Oakfield Street, Lincoln.

NOTTINGHAM, or near.—Temporary Manager, Assistant, or mornings and evenings; excellent Prescriber; middle-age; references. Address "Ammonol" (220/35), Office of this Paper.

PART-TIME; qualified; excellent references. "S. S.," 98 Greyhound Lane, Streatham Common, S.W.

QUALIFIED; 31; good all-round experience; excellent references; interview if desired; Liverpool district preferred, but not essential. Rathbone, 37 School Lane, Heaton Chapel, Stockport.

QUALIFIED, lady, desires post; 10 years' experience; England or abroad. Dowling, Kington, Herefordshire.

QUALIFIED; 28; Manager or Assistant; 10 years' experience Dispensing and Counter; excellent references; disengaged. Norman, Huddsvalle, St. George, Bristol.

QUALIFIED Pharmacist; 28; single; 4½ years' apprenticeship and 1½ years' Dispensing experience. Apply "M. L." 12618, Office of this Paper.

QUALIFIED Assistant in shop or factory; 27; single; seven years' experience. Apply "M. L." 98444, Office of this Paper.

QUALIFIED, 36, engaged City daytime, available every evening from 5.30; reliable, practical Chemist. 36 Dennington Park Road, N.W. 6.

QUALIFIED (24), energetic, 10 years' all-round experience, Photography, excellent references, desires post as Locum or Assistant, temporary or permanent. Burr, 174 Gordon Road, Strood, Rochester, Kent.

QUALIFIED (25), good experience Dispensing, Counter, Photographic; excellent references; permanency; disengaged. "M.P.S.," c/o Mellon, Fennel Street, Ashford, Derbyshire.

QUALIFIED Lady Dispenser requires post; 8½ years' experience in Institution and Surgery routine. Apply 222/8, Office of this Paper.

RELIABLE position required by qualified, middle-aged Chemist, thoroughly experienced; excellent references; disengaged. "Aspirin," 58 Clapham Park Road, Clapham, S.W.

SCOTSMAN; qualified; 10 years' Dispensing and Retail; reliable and conscientious worker; excellent testimonials; Branch Manager or qualified Assistant; disengaged. Apply 220/2, Office of this Paper.

SMART, well-set-up young man, aged 19, seeks post as Assistant; recently completed Apprenticeship; very good Dispenser, most acceptable Counter hand; excellent references. Wheeler, Northfield, Reading Street, Broadstairs.

WALTHAMSTOW or **LEYTON** DISTRICTS.—Lady, 30; 10 years' good experience and references; N.H.I. experience, but brisk Counter work, etc., preferred. Mrs. Davidson, 18 Maude Terrace, Walthamstow, E. 17.

YOUNG qualified, reliable, competent, seeks position; London preferred, not essential; excellent references; start immediately. Wood, Highfield Terrace, Halifax.

YOUNG, Qualified, seeks further experience; reliable, competent; good appearance; tall; well recommended. Apply 222/18, Office of this Paper.

£3 10s. per week.—Excellent Dispenser and Counterman; good references; disengaged. 221/10, Office of this Paper.

WHOLESALE.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

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